

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078387.D
 Acq On : 24 Jun 2023 11:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:45:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/26/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	418397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	738032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	654427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281192	50.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.177	113	252876	54.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	10.571	98	916183	50.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.853	95	292738	52.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	203987	43.130	ug/l	98
3) Chloromethane	2.371	50	263381	59.543	ug/l	99
4) Vinyl Chloride	2.518	62	337269	54.459	ug/l	98
5) Bromomethane	2.948	94	220472	47.106	ug/l	100
6) Chloroethane	3.118	64	219499	51.992	ug/l	98
7) Trichlorofluoromethane	3.501	101	420570	50.078	ug/l	97
8) Diethyl Ether	3.971	74	145078	49.164	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	226654	51.138	ug/l	97
10) Methyl Iodide	4.600	142	292751	46.705	ug/l	96
11) Tert butyl alcohol	5.530	59	168675	218.980	ug/l	100
12) 1,1-Dichloroethene	4.353	96	221283	48.432	ug/l	94
13) Acrolein	4.189	56	256807	302.501	ug/l	96
14) Allyl chloride	5.036	41	291560	52.277	ug/l	93
15) Acrylonitrile	5.724	53	512553	258.097	ug/l	98
16) Acetone	4.436	43	406194	252.970	ug/l	98
17) Carbon Disulfide	4.718	76	612827	52.111	ug/l	99
18) Methyl Acetate	5.036	43	363060	49.111	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	747539	51.280	ug/l	98
20) Methylene Chloride	5.283	84	266984	50.316	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	251319	51.000	ug/l	90
22) Diisopropyl ether	6.677	45	714587	54.469	ug/l	95
23) Vinyl Acetate	6.612	43	2095503	268.706	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	459027	53.040	ug/l	98
25) 2-Butanone	7.489	43	646111	261.666	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	385698	60.359	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293370	49.910	ug/l	93
28) Bromochloromethane	7.824	49	209360	52.688	ug/l	88
29) Tetrahydrofuran	7.847	42	427305	258.864	ug/l	85
30) Chloroform	7.971	83	502698	53.943	ug/l	93
31) Cyclohexane	8.265	56	343198	47.960	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	445926	54.504	ug/l	97
36) 1,1-Dichloropropene	8.377	75	369168	55.153	ug/l	97
37) Ethyl Acetate	7.571	43	277697	53.107	ug/l #	91
38) Carbon Tetrachloride	8.371	117	393456	55.670	ug/l	99
39) Methylcyclohexane	9.606	83	316257	45.592	ug/l	94
40) Benzene	8.612	78	1096850	54.889	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	147201	51.936	ug/l	91
42) 1,2-Dichloroethane	8.677	62	385035	56.197	ug/l	98
43) Isopropyl Acetate	8.694	43	485537	48.553	ug/l	96
44) Trichloroethene	9.359	130	282240	53.482	ug/l	99
45) 1,2-Dichloropropane	9.630	63	276396	55.593	ug/l	99
46) Dibromomethane	9.712	93	190947	52.142	ug/l	93
47) Bromodichloromethane	9.894	83	391800	57.598	ug/l	97
48) Methyl methacrylate	9.688	41	225370	53.703	ug/l	89
49) 1,4-Dioxane	9.700	88	84904	962.587	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1413866	268.490	ug/l	93
52) Toluene	10.635	92	684726	54.271	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	413181	58.323	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	453766	57.944	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	270715	56.721	ug/l	97
56) Ethyl methacrylate	10.877	69	377801	54.364	ug/l	91
57) 1,3-Dichloropropane	11.171	76	445429	55.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	754744	268.842	ug/l	93
59) 2-Hexanone	11.200	43	989082	269.750	ug/l	91
60) Dibromochloromethane	11.365	129	292359	55.979	ug/l	98
61) 1,2-Dibromoethane	11.471	107	272328	54.371	ug/l	99
64) Tetrachloroethene	11.106	164	231564	53.039	ug/l	99
65) Chlorobenzene	11.894	112	730398	52.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	279189	54.162	ug/l	98
67) Ethyl Benzene	11.971	91	1285908	53.175	ug/l	99
68) m/p-Xylenes	12.076	106	987820	107.185	ug/l	98
69) o-Xylene	12.406	106	480468	53.089	ug/l	98
70) Styrene	12.418	104	787124	55.245	ug/l	98
71) Bromoform	12.582	173	184093	55.341	ug/l #	99
73) Isopropylbenzene	12.700	105	1155512	47.835	ug/l	98
74) N-amyl acetate	12.500	43	390052	49.034	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	359133	54.263	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	288185m	47.721	ug/l	
77) Bromobenzene	12.982	156	277861	49.551	ug/l	98
78) n-propylbenzene	13.041	91	1314665	50.092	ug/l	100
79) 2-Chlorotoluene	13.129	91	828809	48.922	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	948575	48.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	105807	53.829	ug/l #	86
82) 4-Chlorotoluene	13.223	91	794197	50.230	ug/l	97
83) tert-Butylbenzene	13.441	119	773173	45.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	947565	49.974	ug/l	98
85) sec-Butylbenzene	13.623	105	972615	43.710	ug/l	99
86) p-Isopropyltoluene	13.735	119	808180	44.757	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467501	49.287	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	460448	50.307	ug/l	99
89) n-Butylbenzene	14.059	91	611795	42.956	ug/l	98
90) Hexachloroethane	14.335	117	147476	46.022	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	457081	49.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55615	46.481	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	135093	40.901	ug/l	95
94) Hexachlorobutadiene	15.512	225	73817	45.344	ug/l	97
95) Naphthalene	15.647	128	444902	40.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	153293	41.497	ug/l	99

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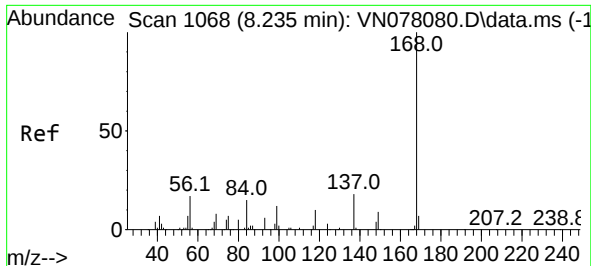
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 26 01:45:51 2023
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



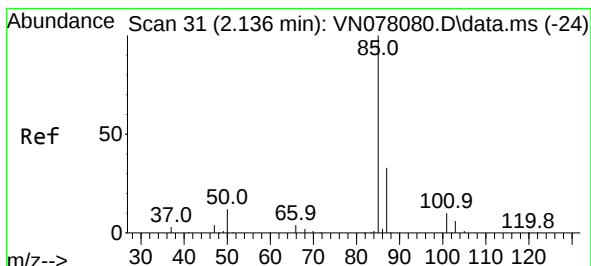
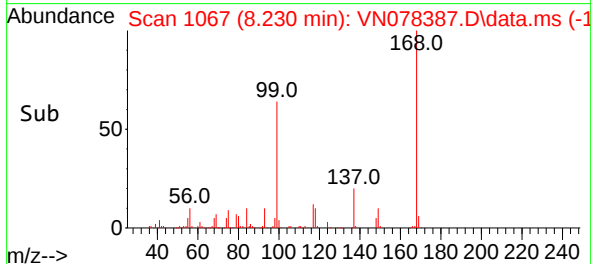
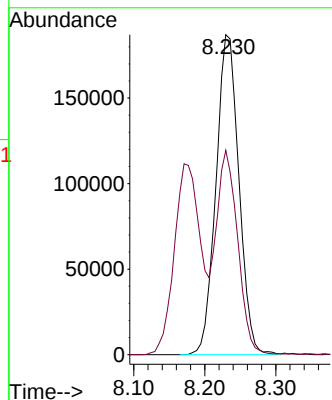
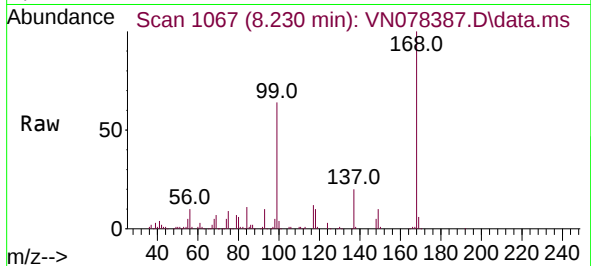
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 41839
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

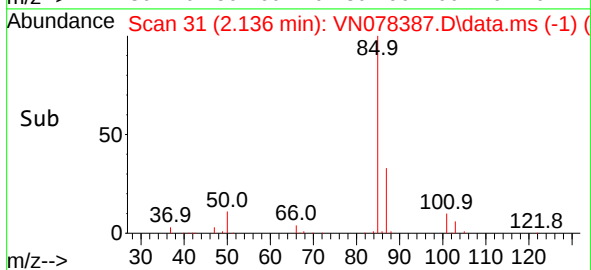
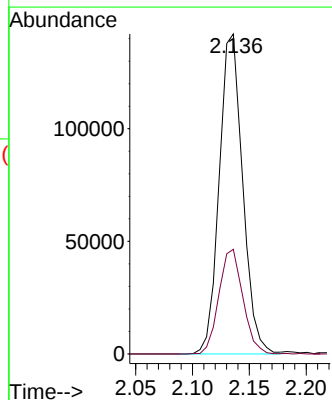
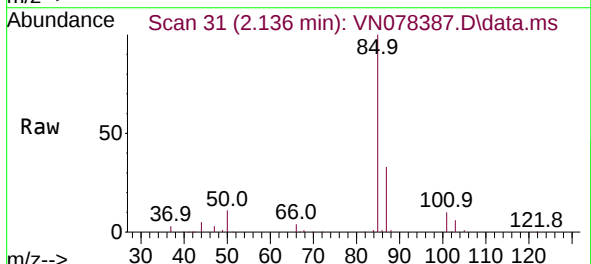
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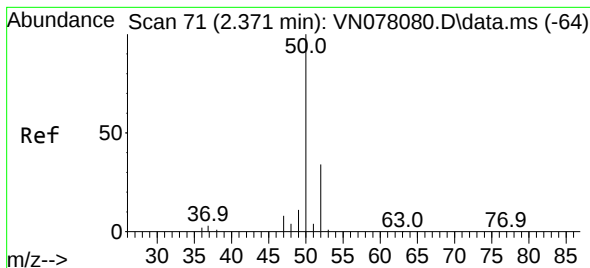
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 43.130 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 85 Resp: 203987
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3

Chloromethane

Concen: 59.543 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 26338

Ion Ratio Lower Upper

50 100

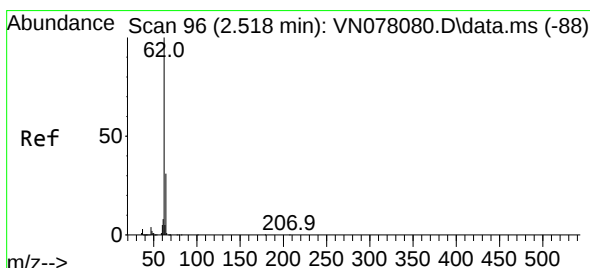
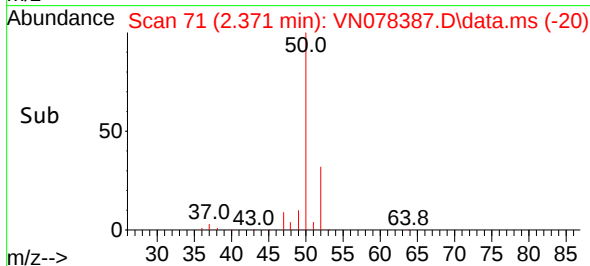
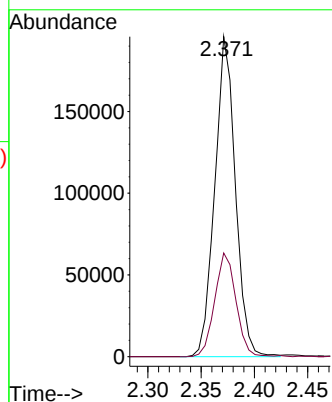
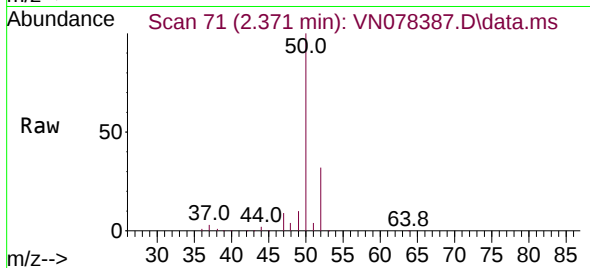
52 32.4 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 54.459 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078387.D

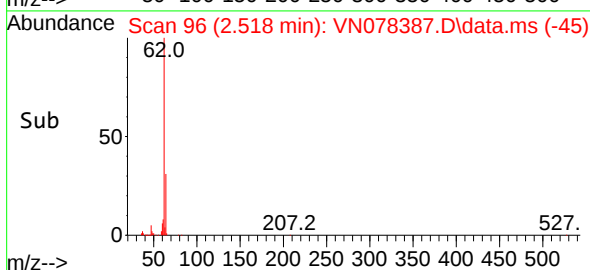
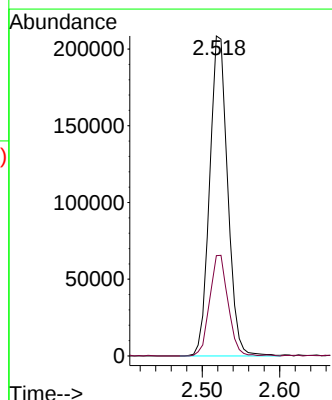
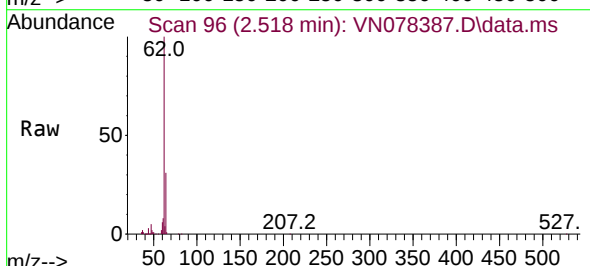
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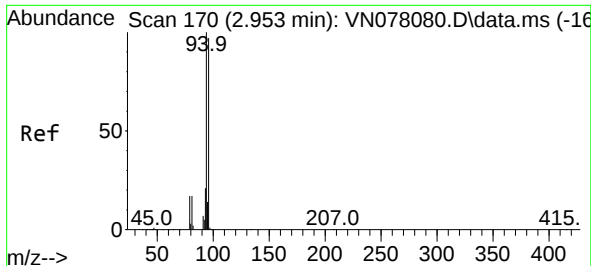
Tgt Ion: 62 Resp: 337269

Ion Ratio Lower Upper

62 100

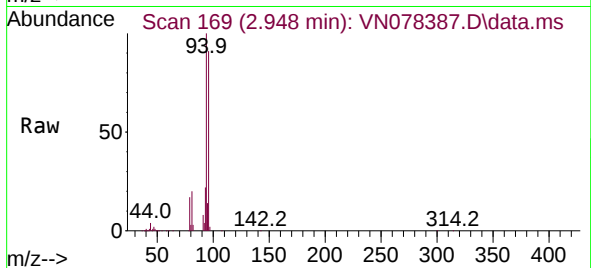
64 31.3 26.2 39.2





#5
Bromomethane
Concen: 47.106 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

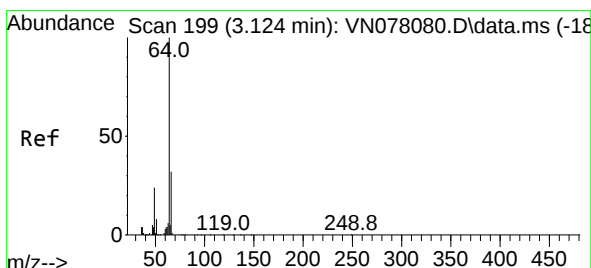
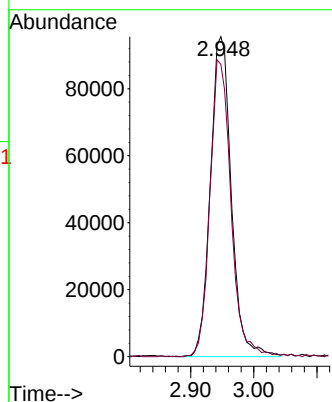
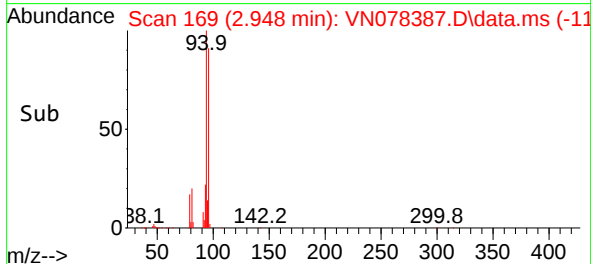
Instrument :
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Tgt Ion: 94 Resp: 220472
Ion Ratio Lower Upper
94 100
96 91.3 73.1 109.7

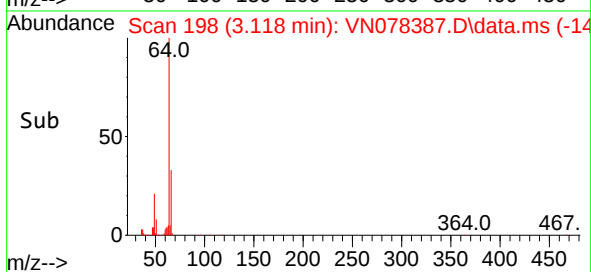
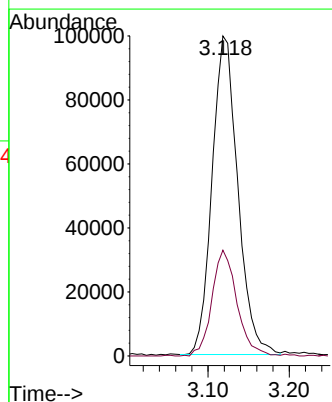
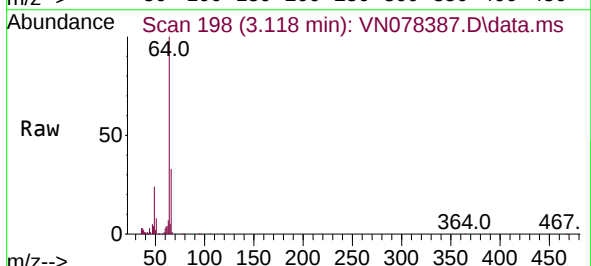
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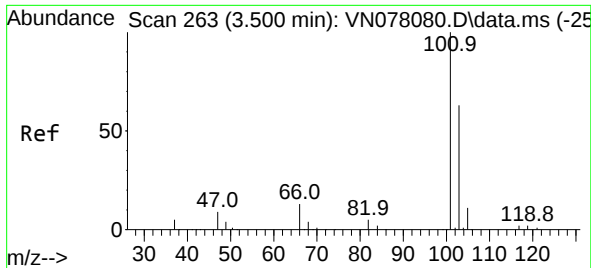
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#6
Chloroethane
Concen: 51.992 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078387.D
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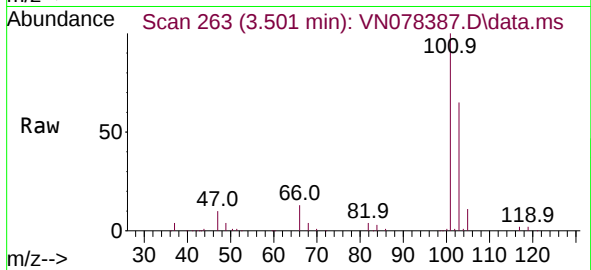
Tgt Ion: 64 Resp: 219499
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 50.078 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

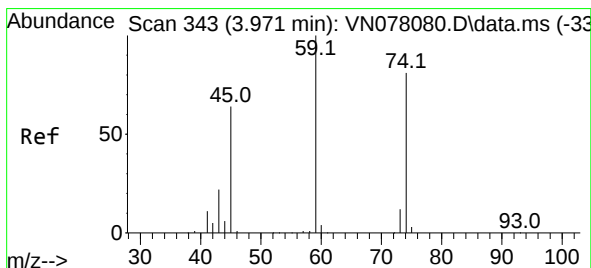
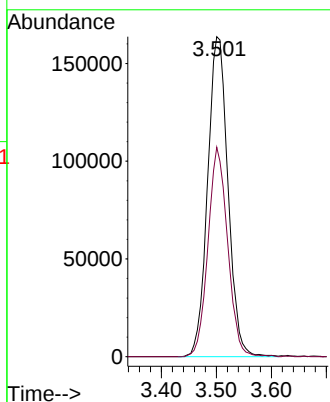
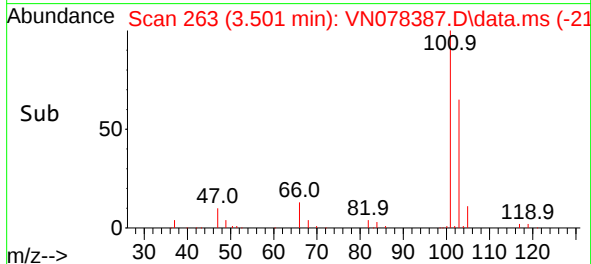
Instrument :
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ClientSampleId :
VSTDCCC050



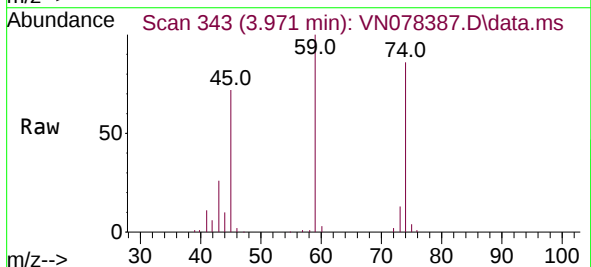
Tgt Ion:101 Resp: 420570
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1

Manual Integrations
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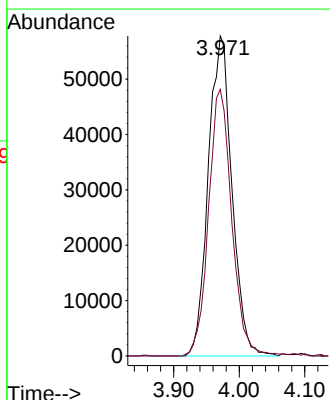
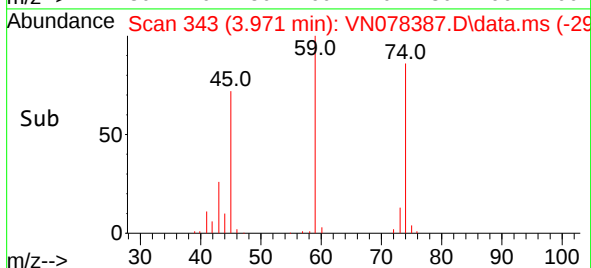
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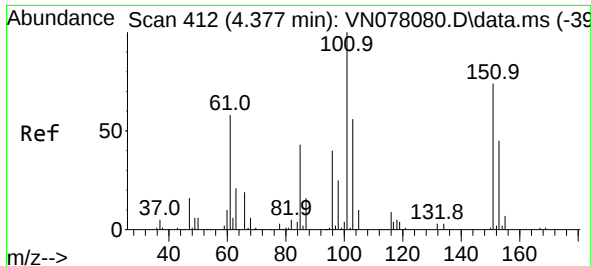


#8
Diethyl Ether
Concen: 49.164 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 145078
Ion Ratio Lower Upper
74 100
45 81.5 34.4 103.3





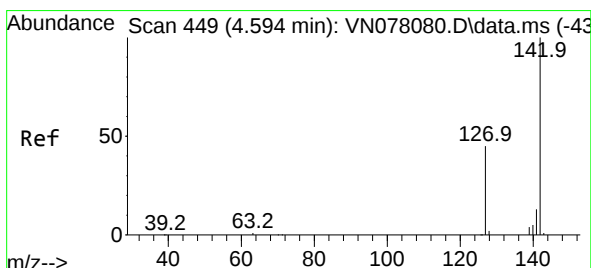
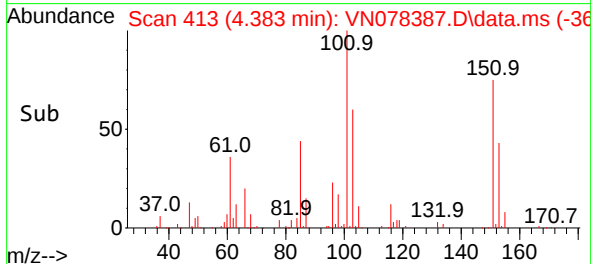
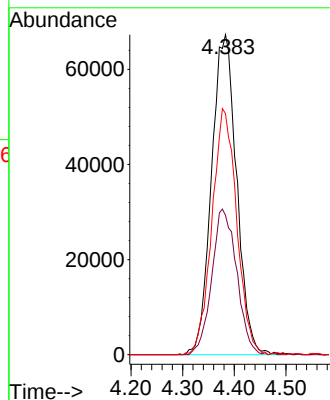
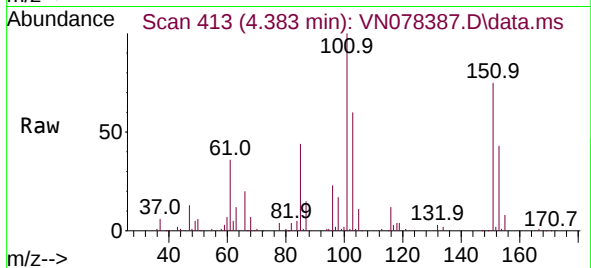
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.138 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 226654
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 75.9 57.6 86.4

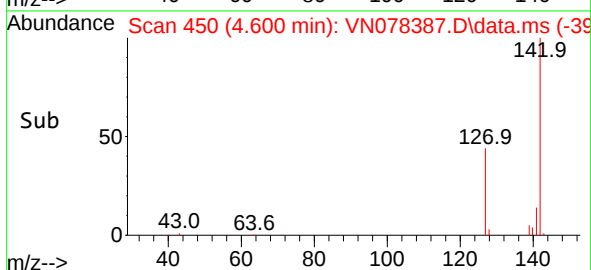
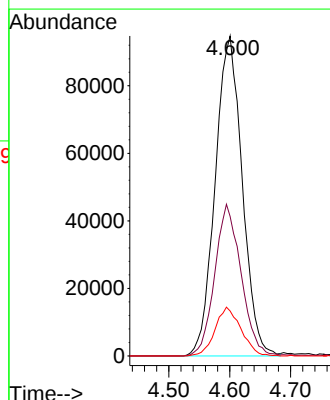
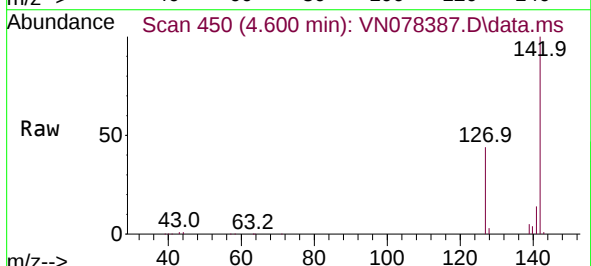
Manual Integrations
APPROVED

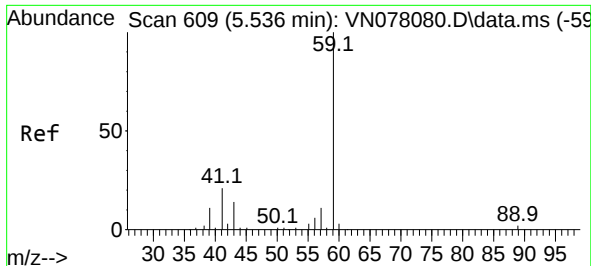
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
Methyl Iodide
Concen: 46.705 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

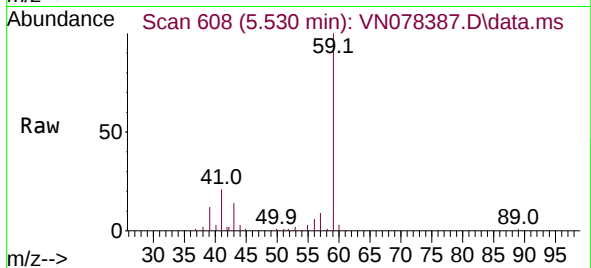
Tgt Ion:142 Resp: 292751
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 218.980 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

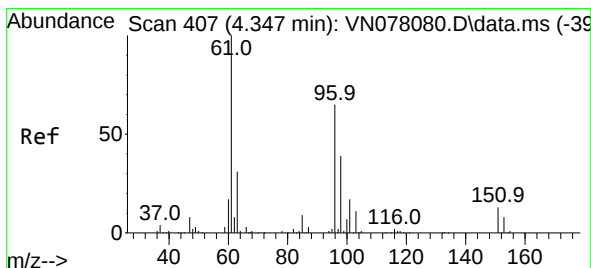
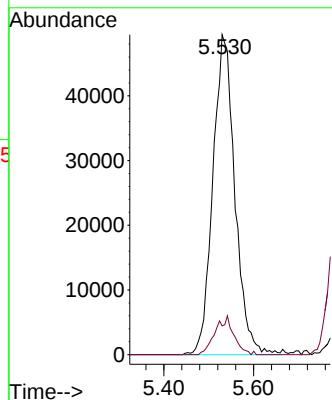
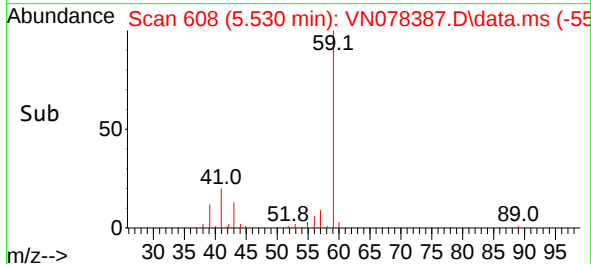
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 168679
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

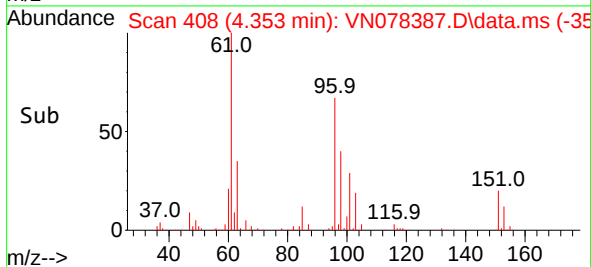
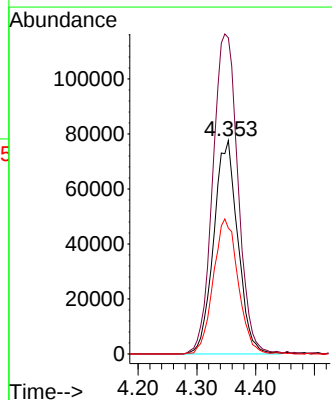
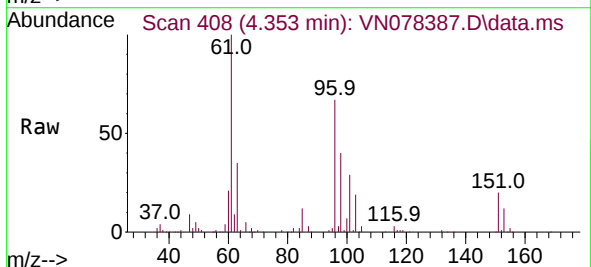
Manual Integrations
APPROVED

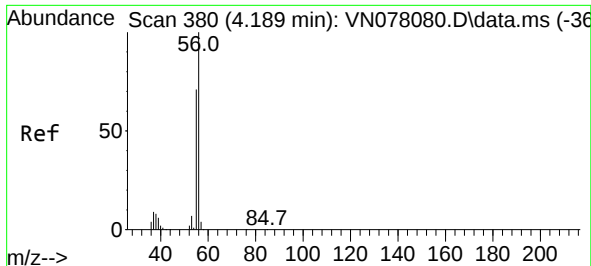
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
1,1-Dichloroethene
Concen: 48.432 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 96 Resp: 221283
Ion Ratio Lower Upper
96 100
61 148.2 112.7 169.1
98 59.0 51.2 76.8





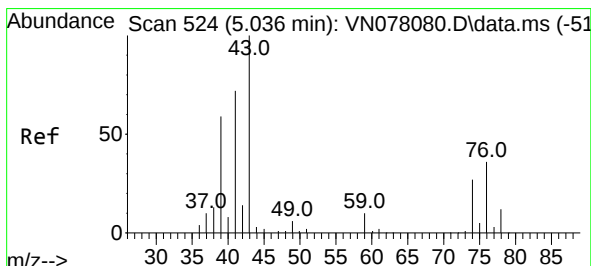
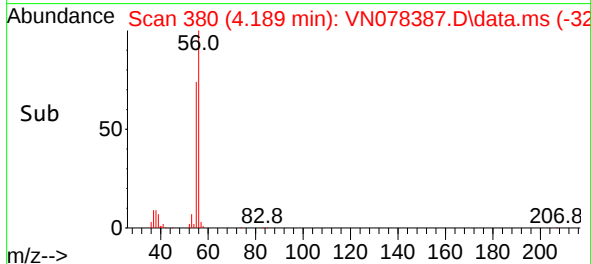
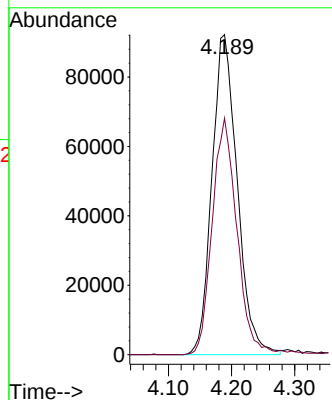
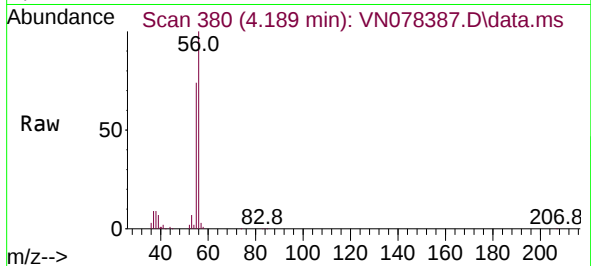
#13
Acrolein
Concen: 302.501 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 25680
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

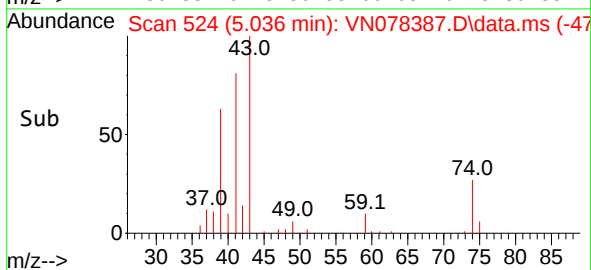
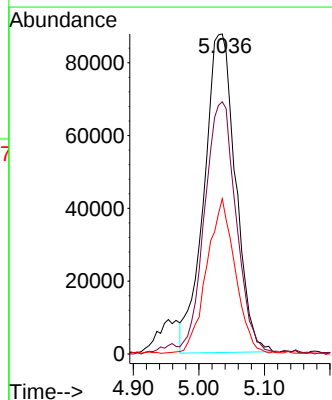
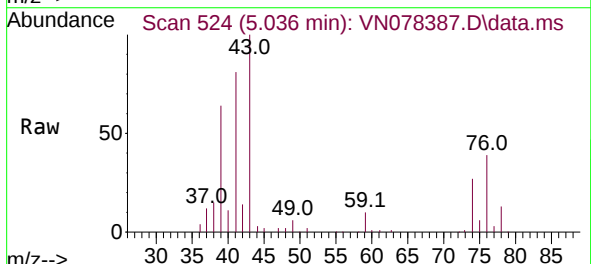
Manual Integrations
APPROVED

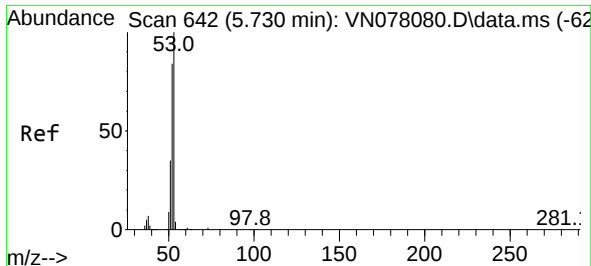
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Allyl chloride
Concen: 52.277 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

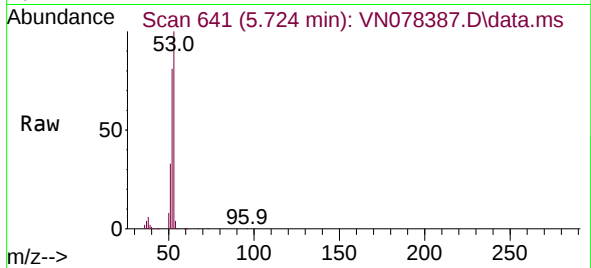
Tgt Ion: 41 Resp: 291560
Ion Ratio Lower Upper
41 100
39 78.8 58.8 88.2
76 44.0 39.1 58.7





#15
Acrylonitrile
Concen: 258.097 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

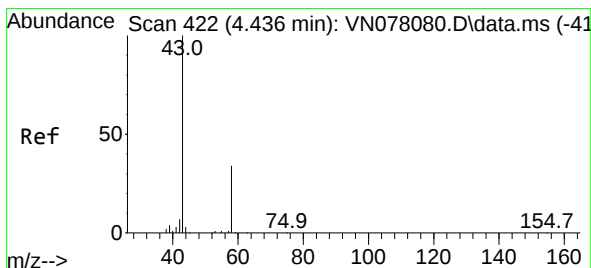
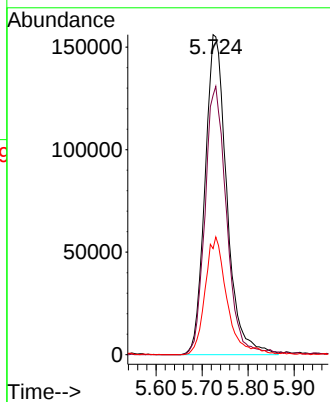
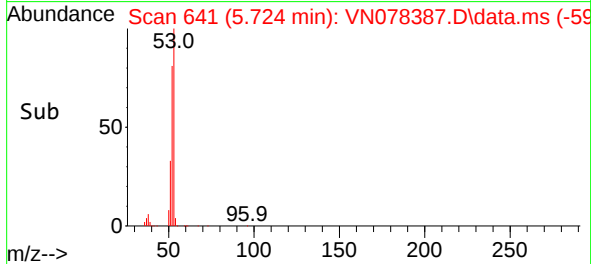
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 51255
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.1 28.9 43.3

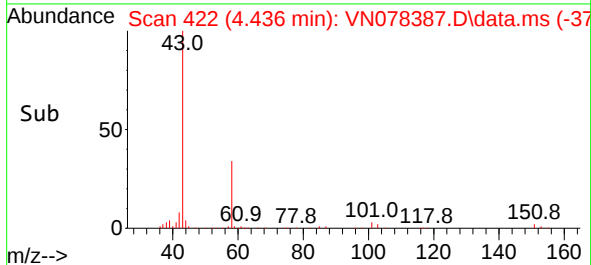
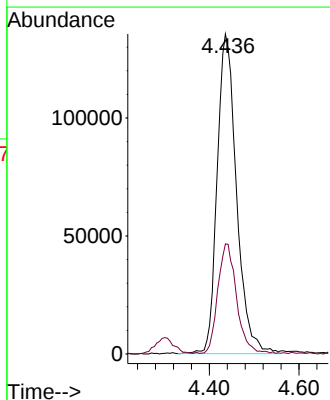
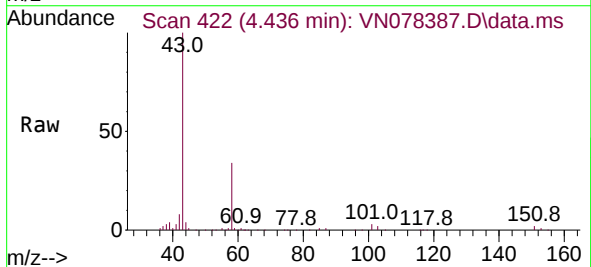
Manual Integrations
APPROVED

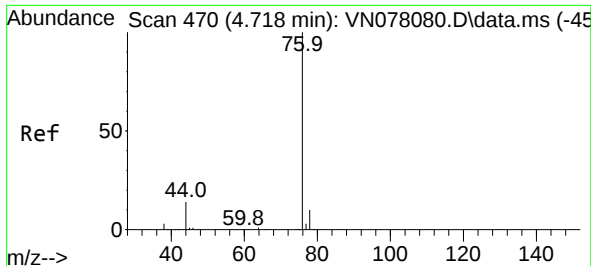
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Acetone
Concen: 252.970 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 43 Resp: 406194
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





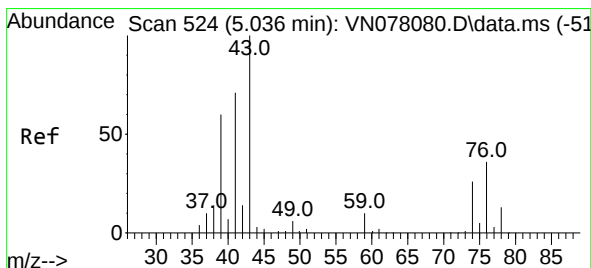
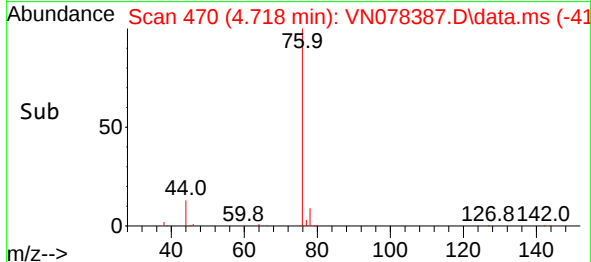
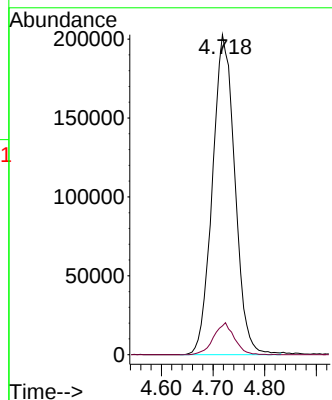
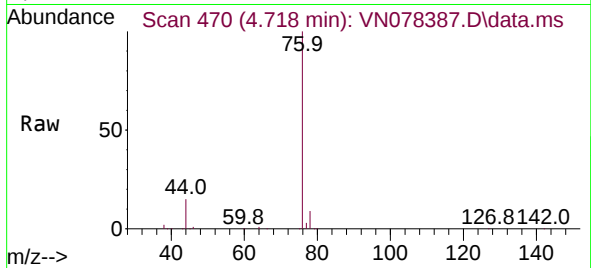
#17
Carbon Disulfide
Concen: 52.111 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 61282
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

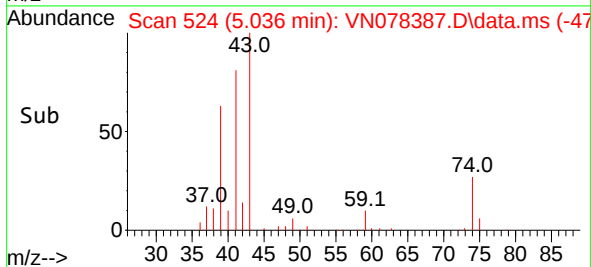
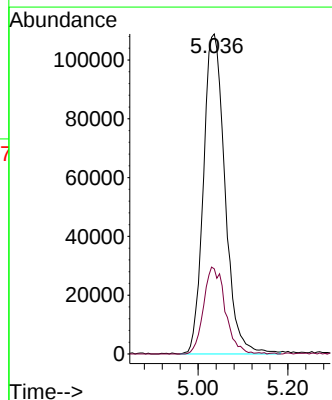
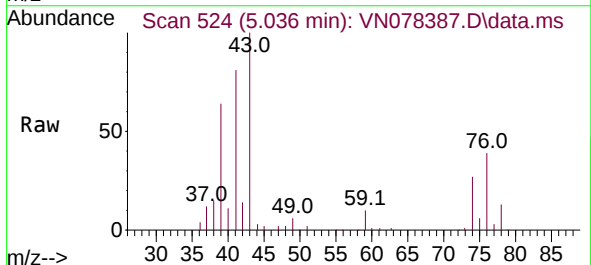
Manual Integrations
APPROVED

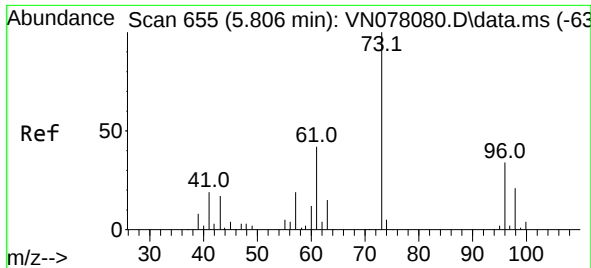
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#18
Methyl Acetate
Concen: 49.111 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 43 Resp: 363060
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





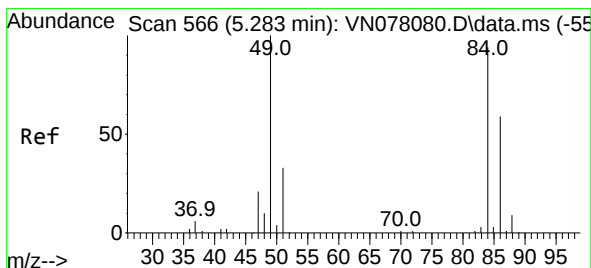
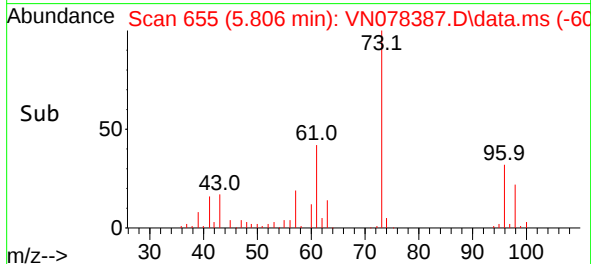
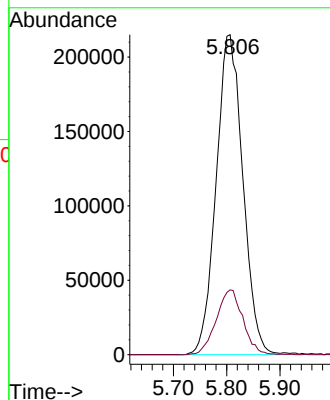
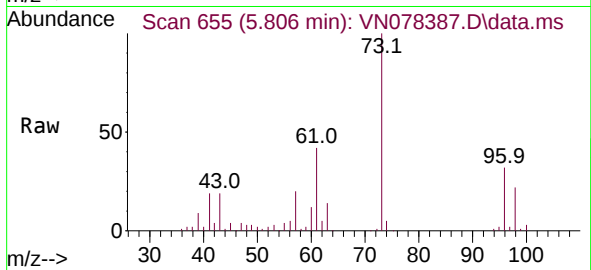
#19
Methyl tert-butyl Ether
Concen: 51.280 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 747539
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

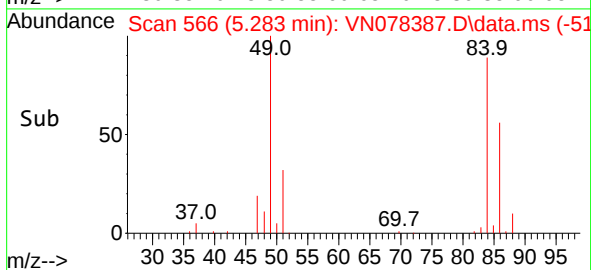
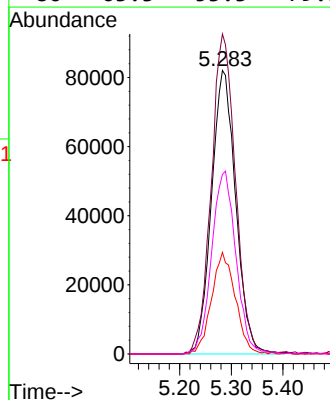
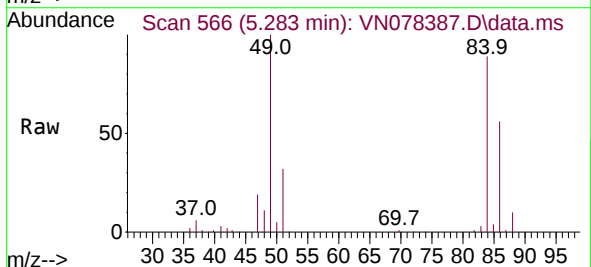
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Methylene Chloride
Concen: 50.316 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

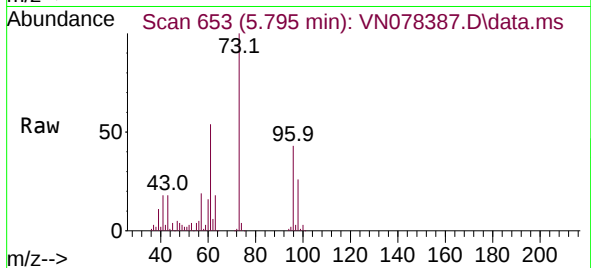
Tgt Ion: 84 Resp: 266984
Ion Ratio Lower Upper
84 100
49 112.9 79.7 119.5
51 35.9 25.2 37.8
86 63.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.000 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

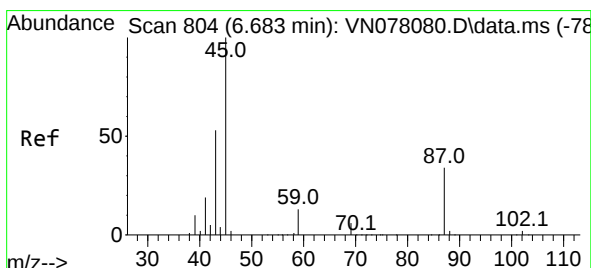
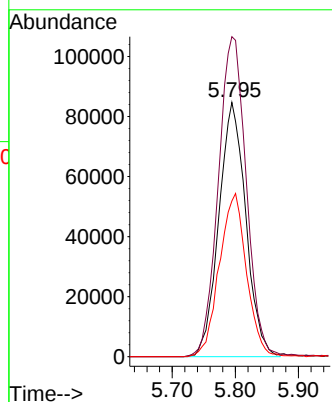
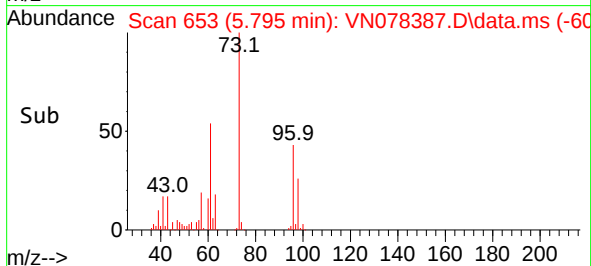
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 251319
Ion Ratio Lower Upper
96 100
61 125.9 90.1 135.1
98 61.2 46.4 69.6

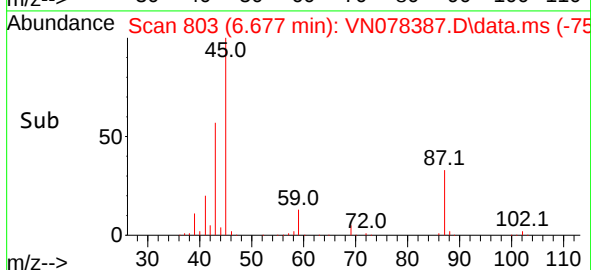
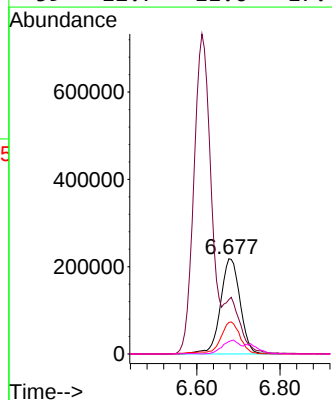
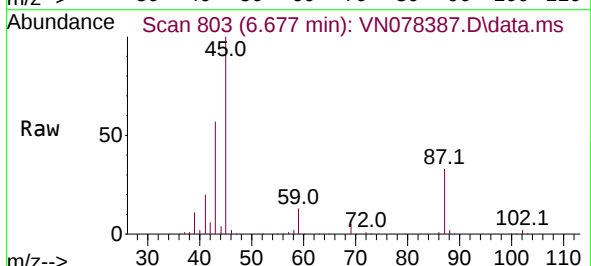
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
Diisopropyl ether
Concen: 54.469 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

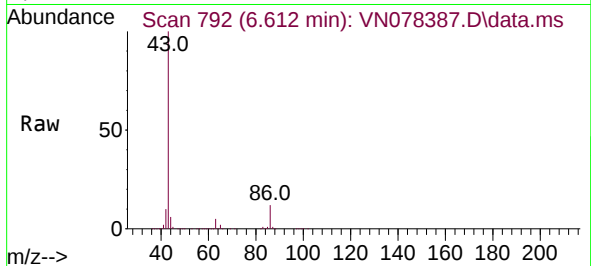
Tgt Ion: 45 Resp: 714587
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 33.1 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 268.706 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

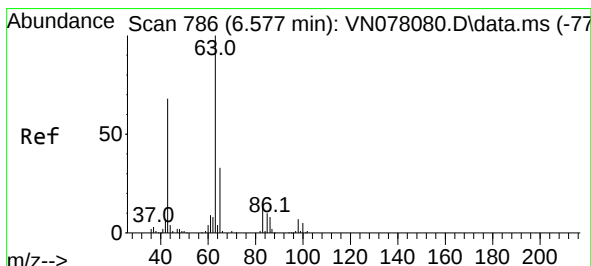
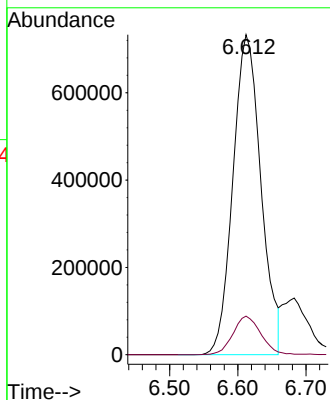
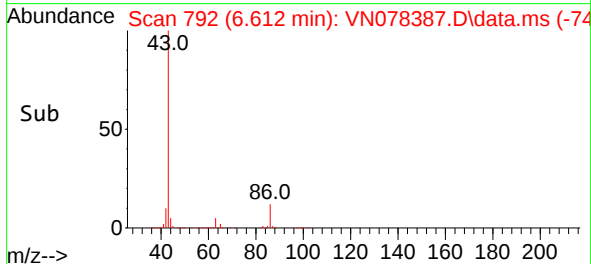
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



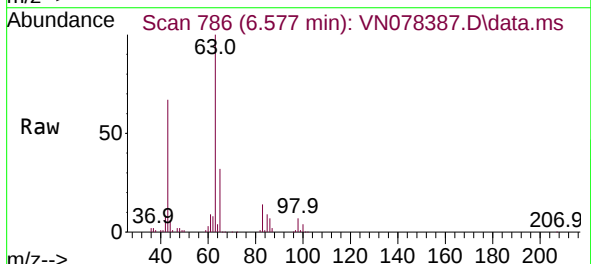
Tgt Ion: 43 Resp: 209550
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

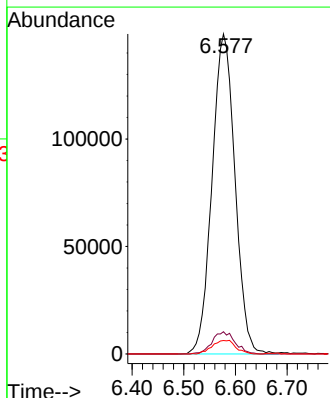
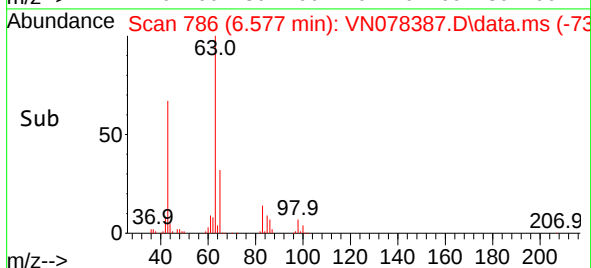
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

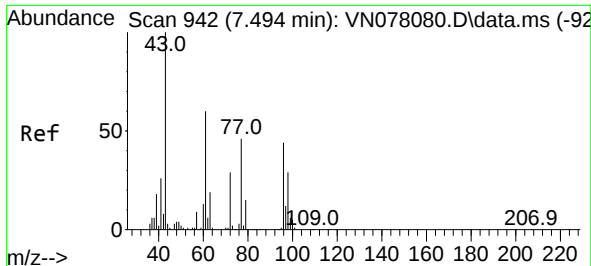


#24
 1,1-Dichloroethane
 Concen: 53.040 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38



Tgt Ion: 63 Resp: 459027
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.2 2.5 7.4





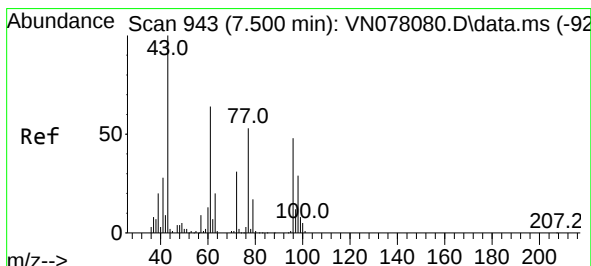
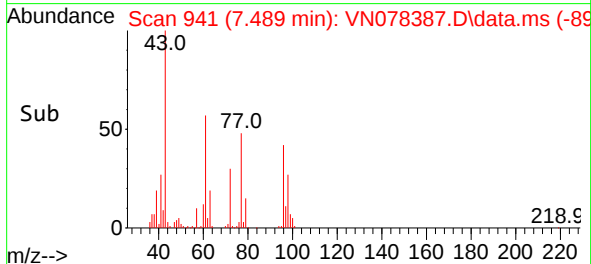
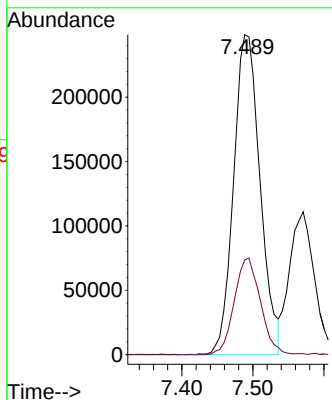
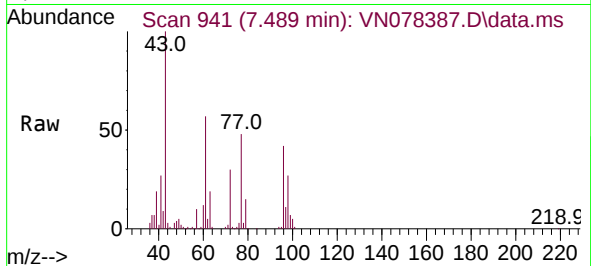
#25
2-Butanone
Concen: 261.666 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 64611
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

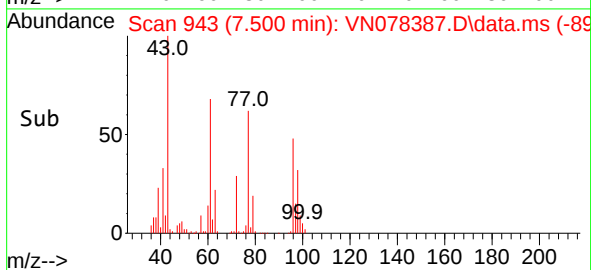
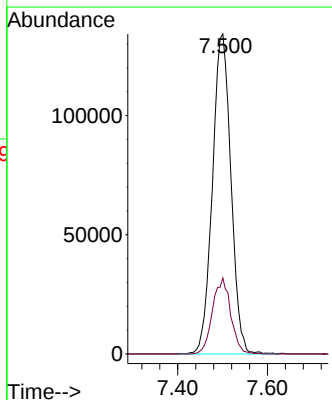
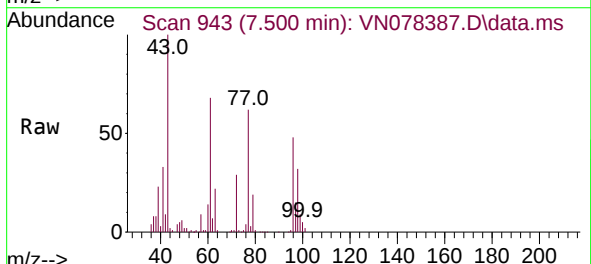
Manual Integrations
APPROVED

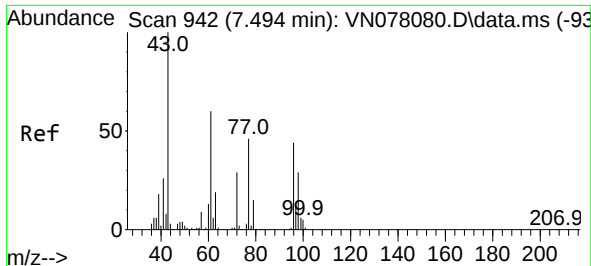
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#26
2,2-Dichloropropane
Concen: 60.359 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

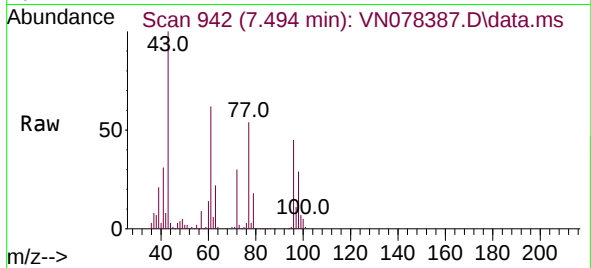
Tgt Ion: 77 Resp: 385698
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.910 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

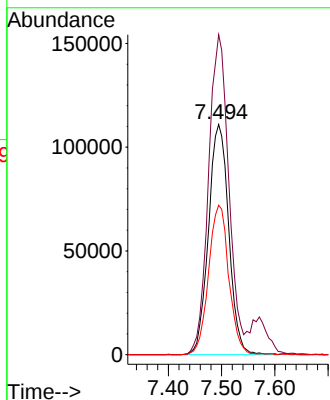
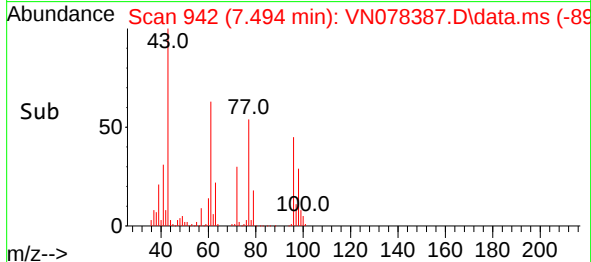
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 293370
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 255.2
 98 64.9 0.0 128.8

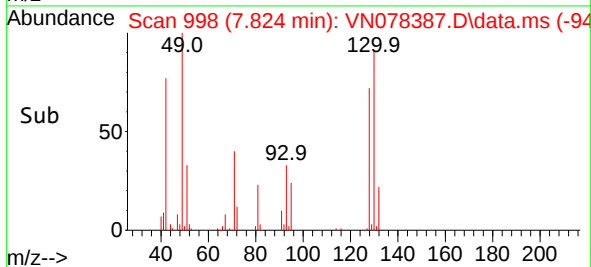
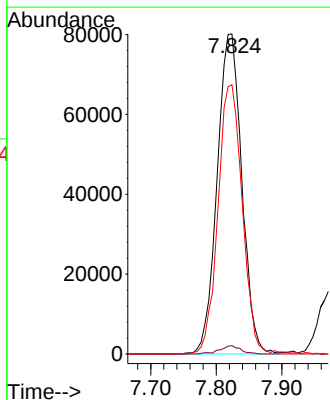
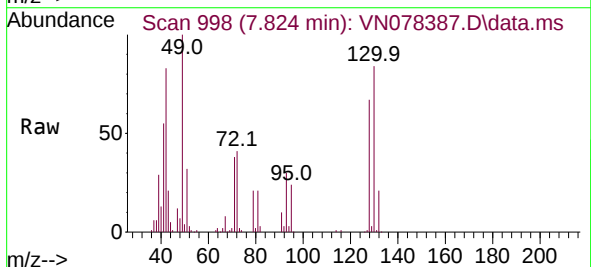
Manual Integrations
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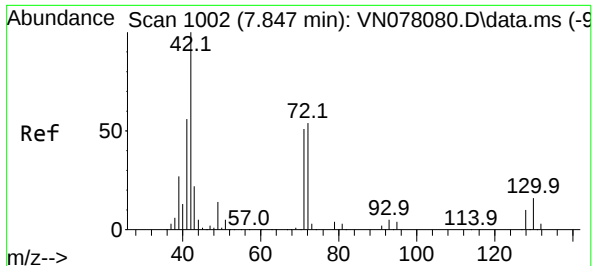
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#28
 Bromochloromethane
 Concen: 52.688 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

Tgt Ion: 49 Resp: 209360
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 82.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 258.864 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 427309

Ion Ratio Lower Upper

42 100

72 50.3 49.8 74.6

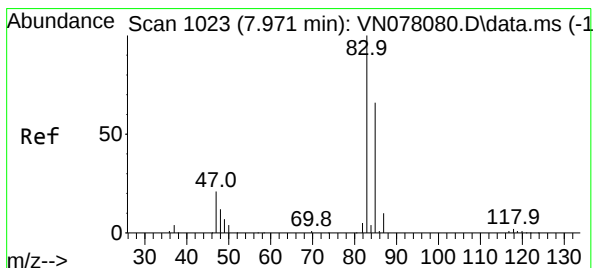
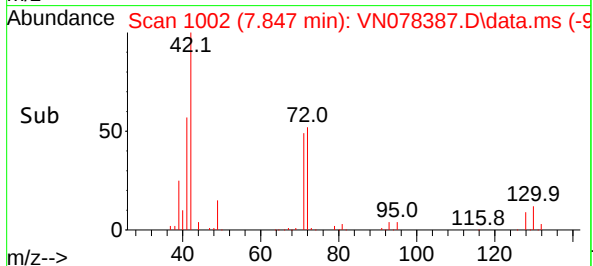
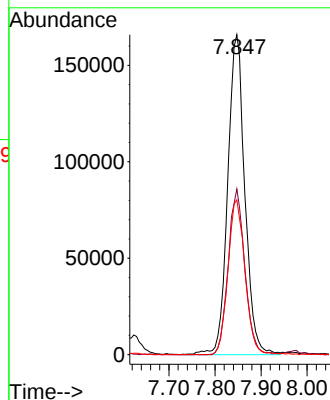
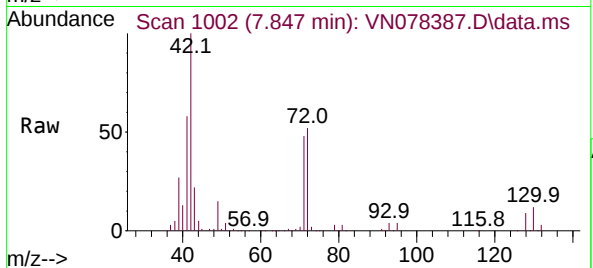
71 48.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

Chloroform

Concen: 53.943 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078387.D

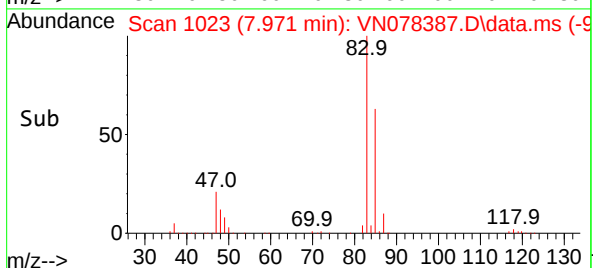
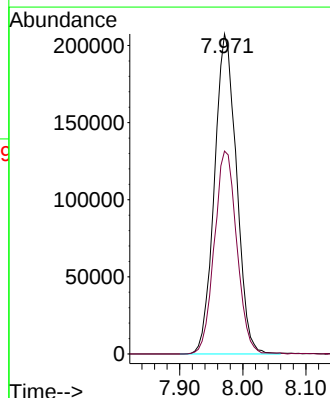
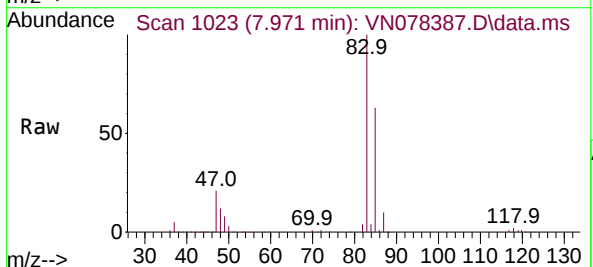
Acq: 24 Jun 2023 11:38

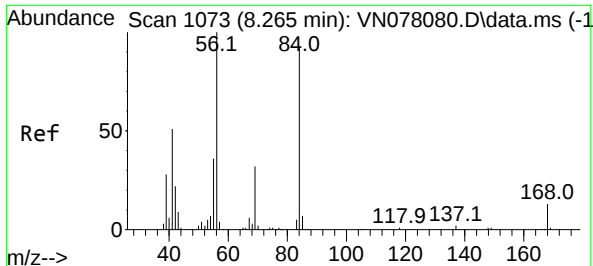
Tgt Ion: 83 Resp: 502698

Ion Ratio Lower Upper

83 100

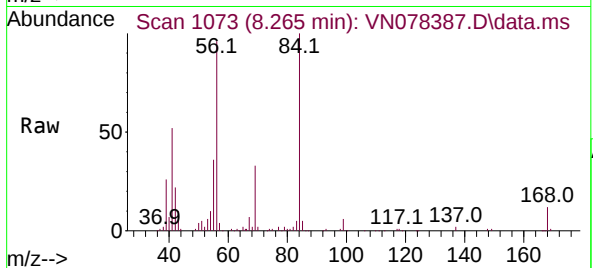
85 63.4 55.4 83.0





#31
Cyclohexane
Concen: 47.960 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

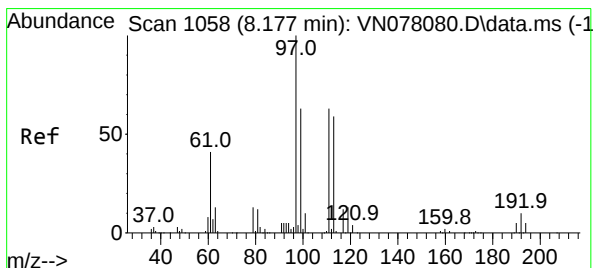
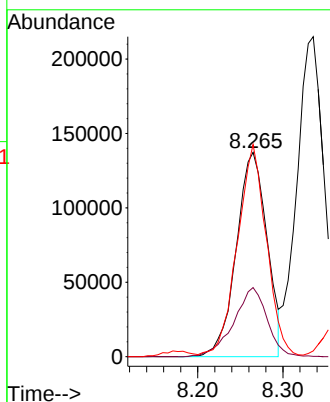
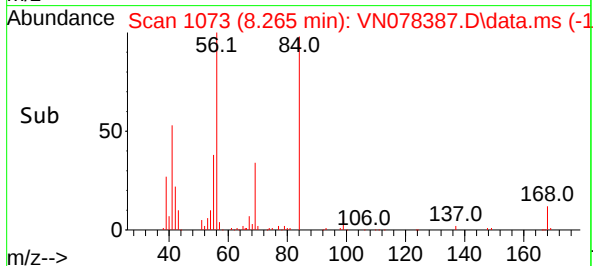
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



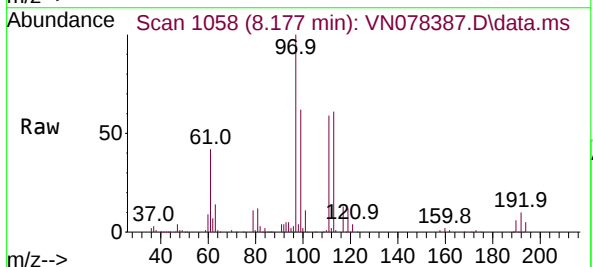
Tgt Ion: 56 Resp: 343198
Ion Ratio Lower Upper
56 100
69 33.8 26.8 40.2
84 101.4 81.8 122.6

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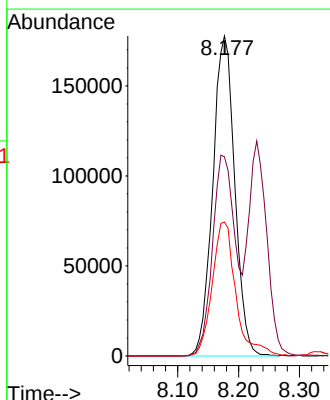
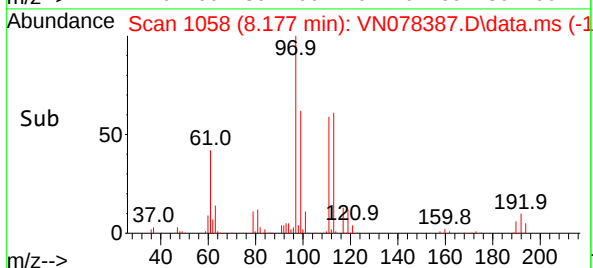
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

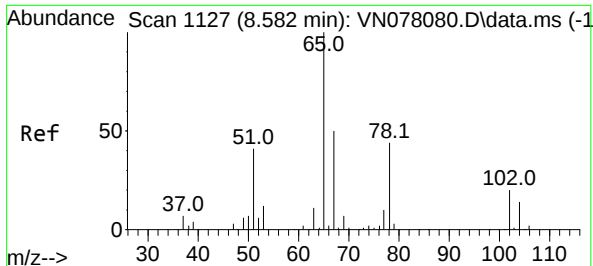


#32
1,1,1-Trichloroethane
Concen: 54.504 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



Tgt Ion: 97 Resp: 445926
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 45.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.406 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 281192

Ion Ratio Lower Upper

65 100

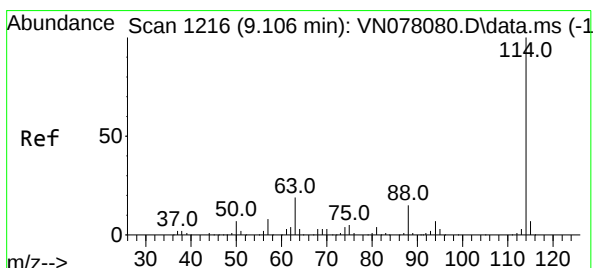
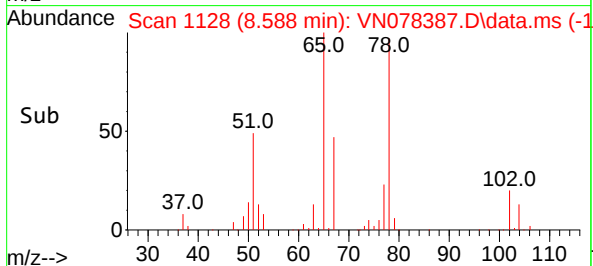
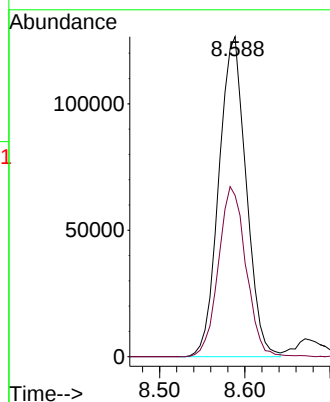
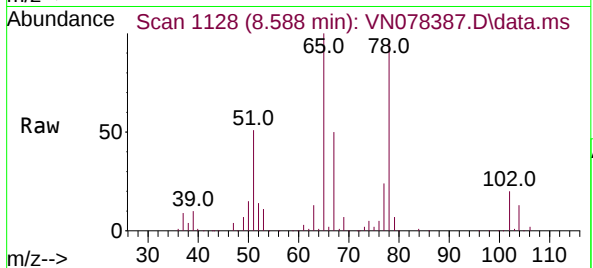
67 53.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

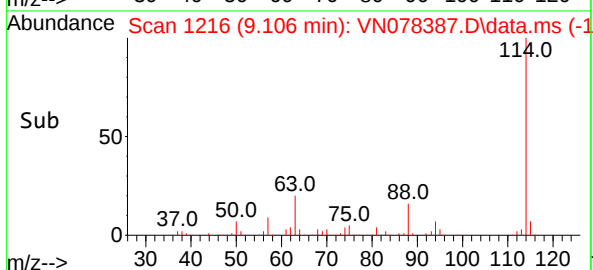
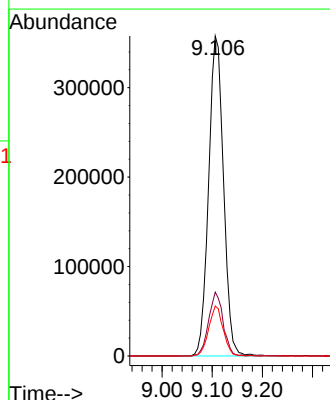
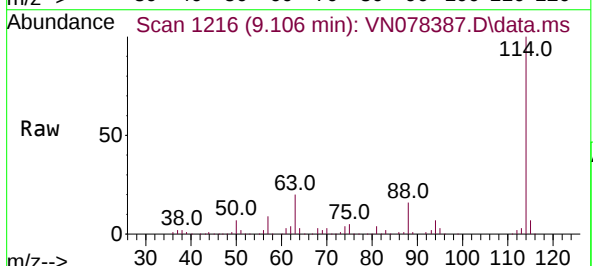
Tgt Ion:114 Resp: 738032

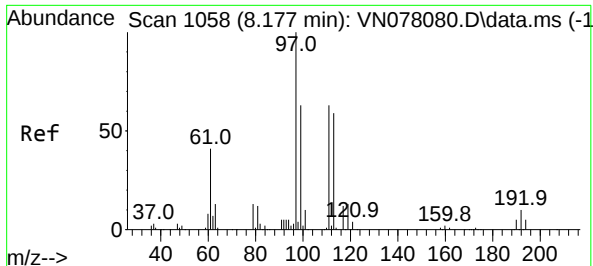
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

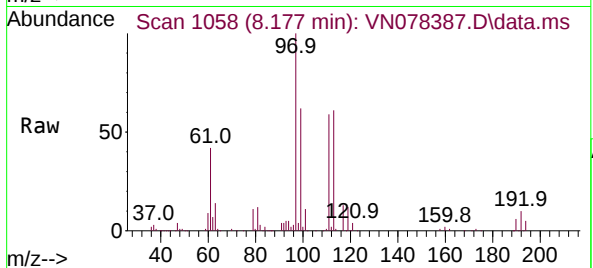
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.190 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

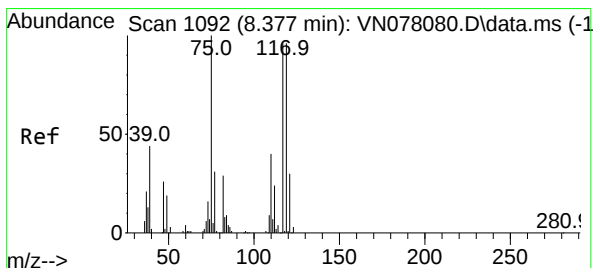
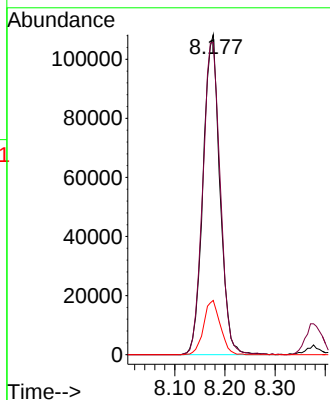
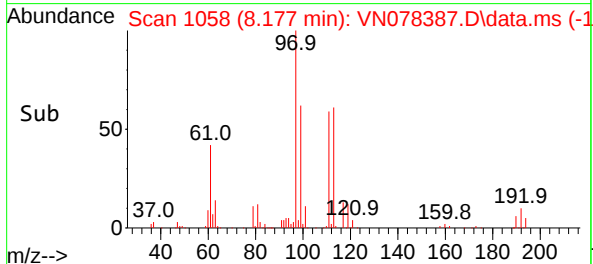
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



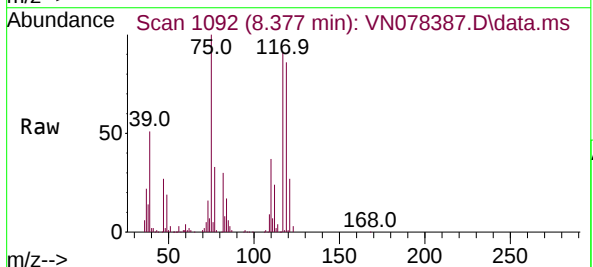
Tgt Ion:113 Resp: 252870
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 16.8 12.7 19.1

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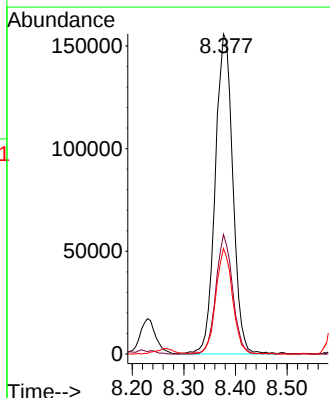
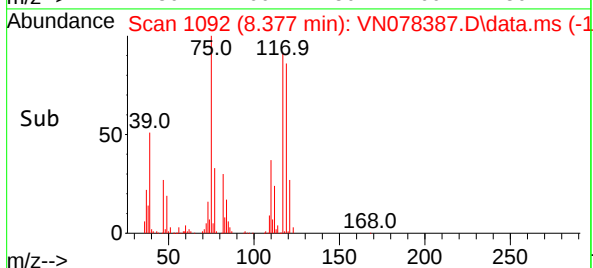
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

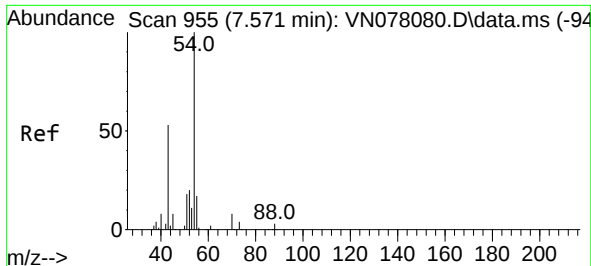


#36
1,1-Dichloropropene
Concen: 55.153 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



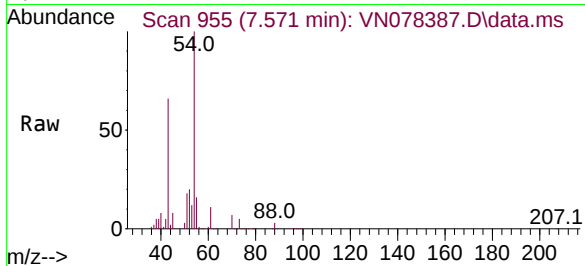
Tgt Ion: 75 Resp: 369168
Ion Ratio Lower Upper
75 100
110 35.3 19.1 57.3
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 53.107 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

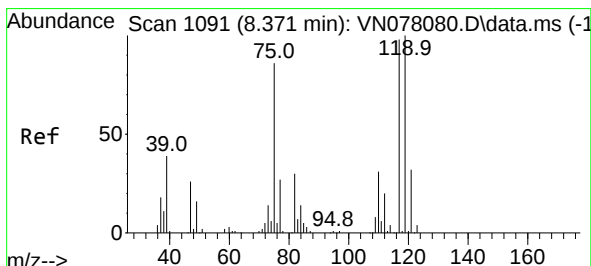
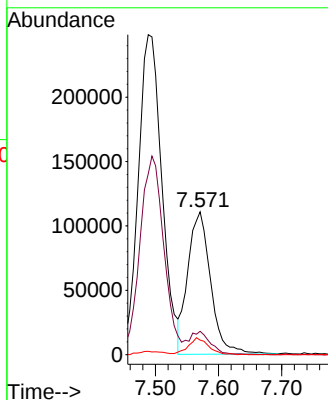
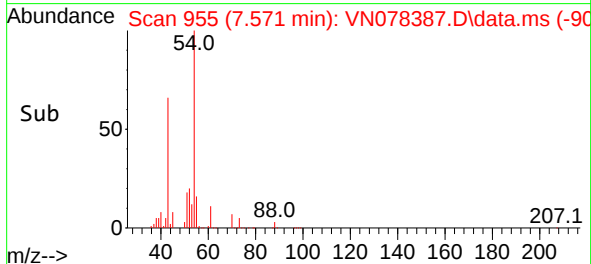
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 277697
Ion Ratio Lower Upper
43 100
61 13.2 13.2 19.8
70 10.0 11.3 16.9

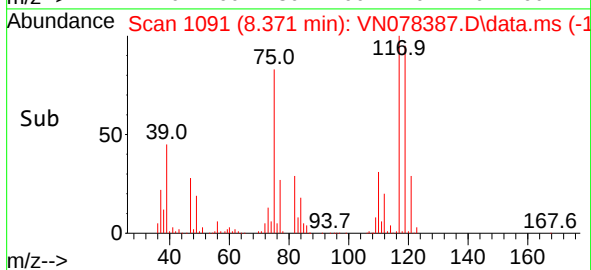
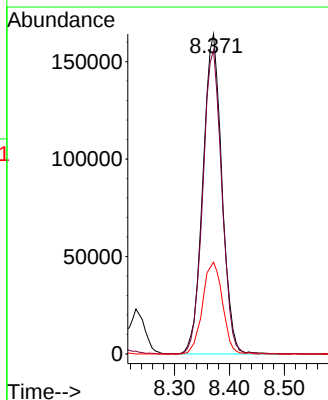
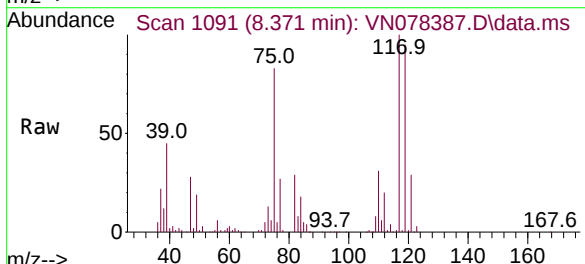
Manual Integrations
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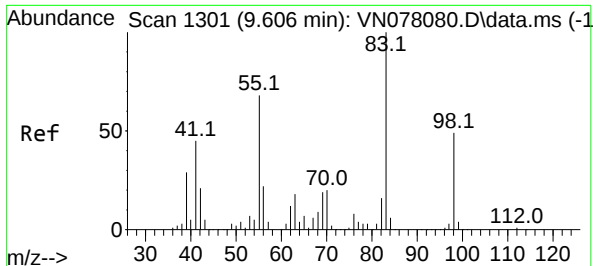
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#38
Carbon Tetrachloride
Concen: 55.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:117 Resp: 393456
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 28.7 23.3 34.9





#39

Methylcyclohexane

Concen: 45.592 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

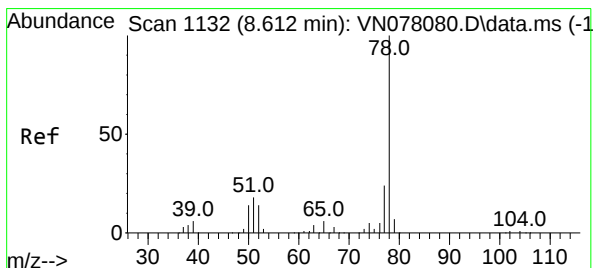
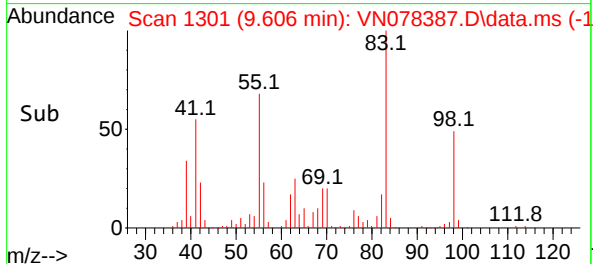
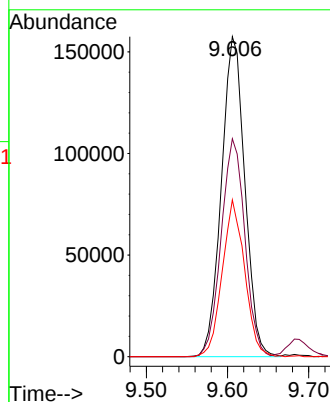
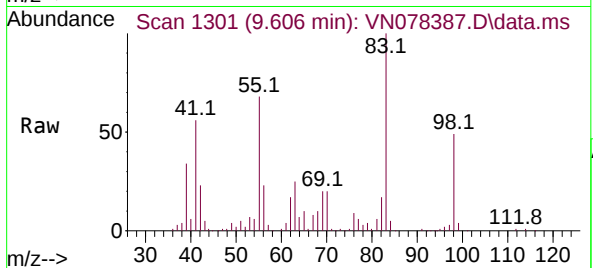
Tgt Ion: 83	Resp: 31625
Ion Ratio	Lower Upper
83	100
55	68.1 49.1 73.7
98	49.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Benzene

Concen: 54.889 ug/l

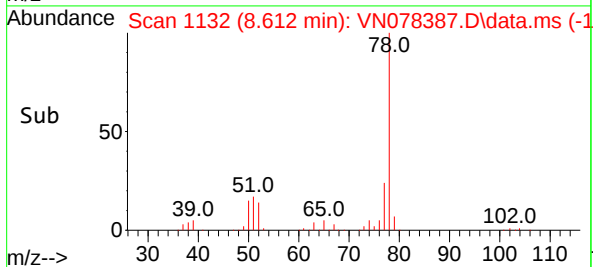
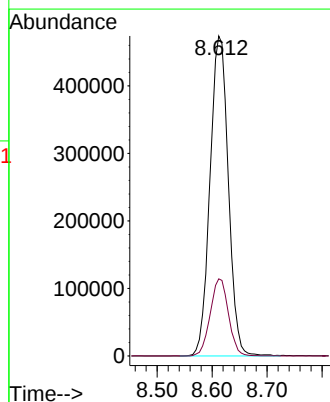
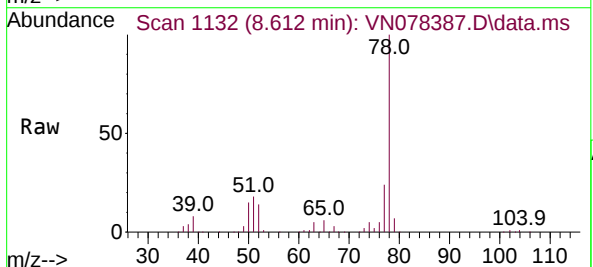
RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

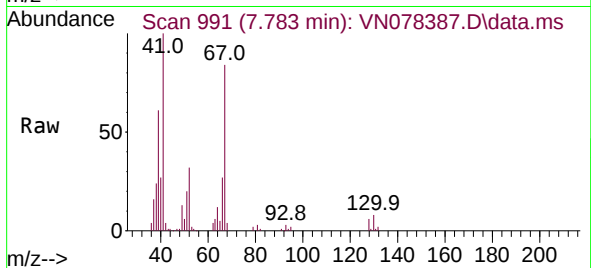
Tgt Ion: 78	Resp: 1096850
Ion Ratio	Lower Upper
78	100
77	24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 51.936 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

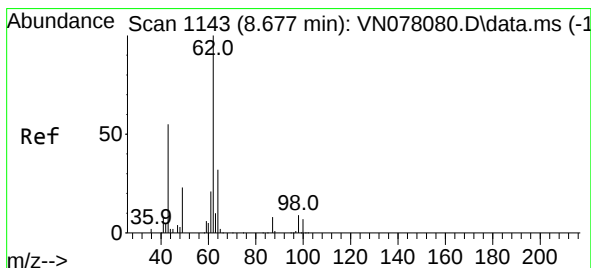
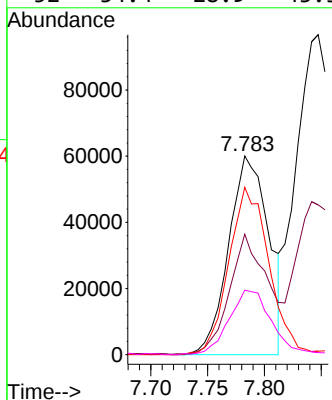
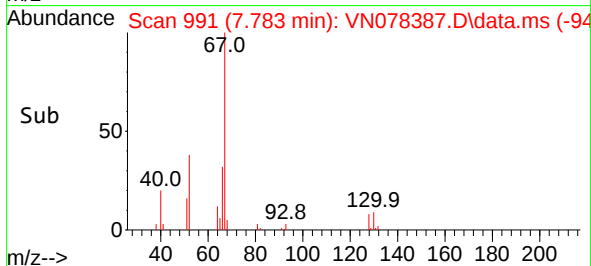
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 14720
Ion Ratio Lower Upper
41 100
39 59.8 42.6 64.0
67 85.5 77.5 116.3
52 34.4 28.9 43.3

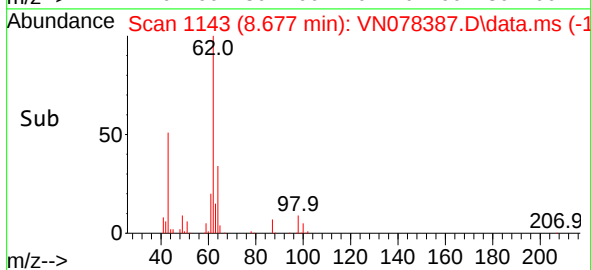
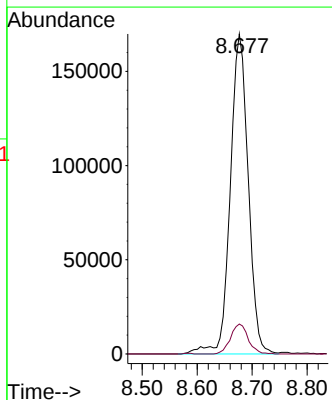
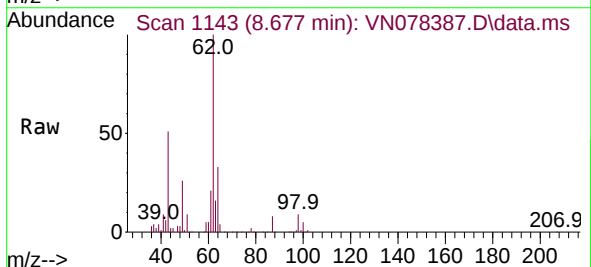
Manual Integrations
APPROVED

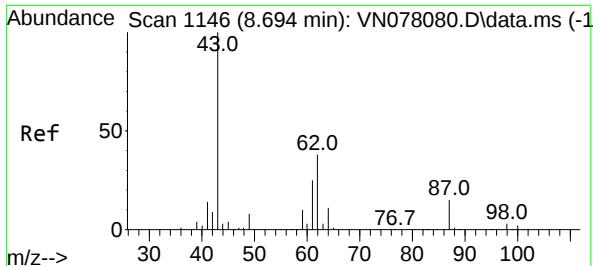
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
1,2-Dichloroethane
Concen: 56.197 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 62 Resp: 385035
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.553 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 48553

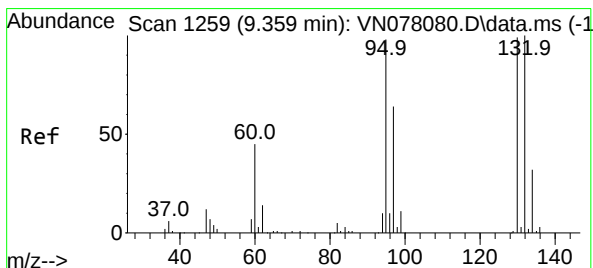
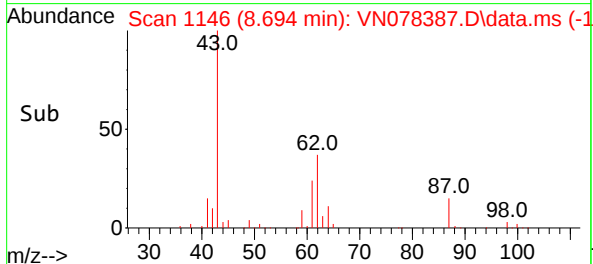
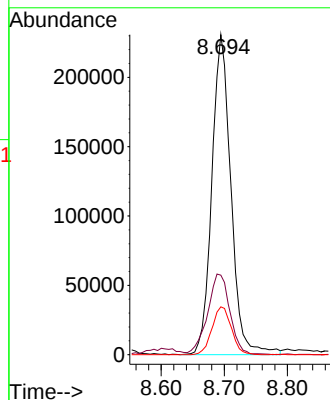
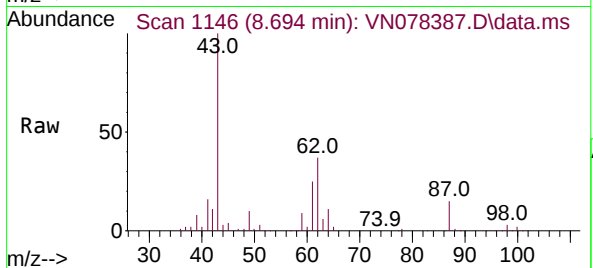
Ion	Ratio	Lower	Upper
43	100		
61	29.4	24.7	37.1
87	15.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#44

Trichloroethene

Concen: 53.482 ug/l

RT: 9.359 min Scan# 1259

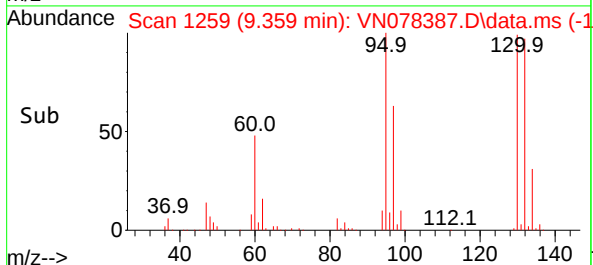
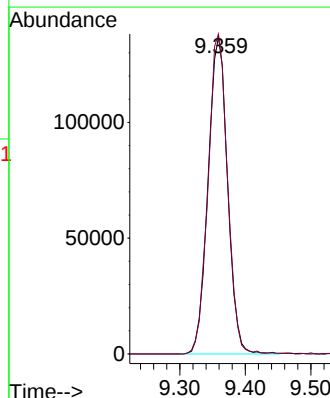
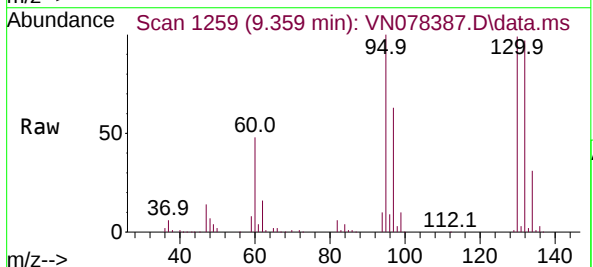
Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Tgt Ion:130 Resp: 282240

Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	204.6





#45

1,2-Dichloropropane

Concen: 55.593 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 276390

Ion Ratio Lower Upper

63 100

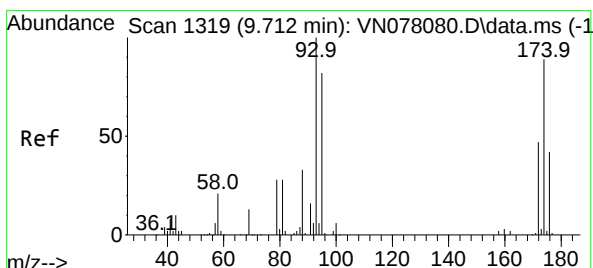
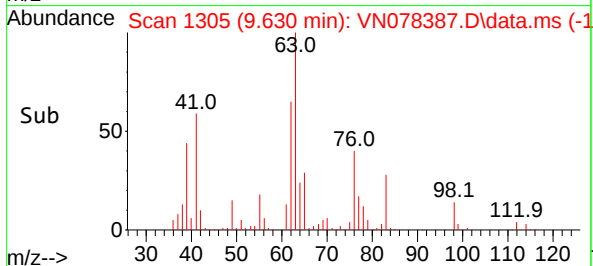
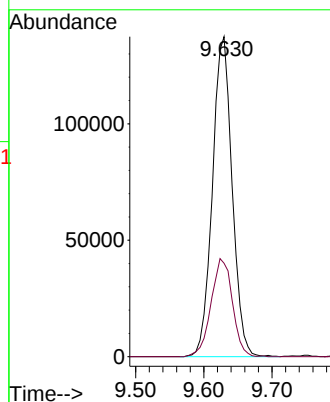
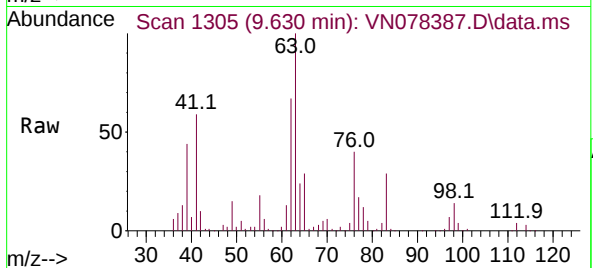
65 29.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#46

Dibromomethane

Concen: 52.142 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

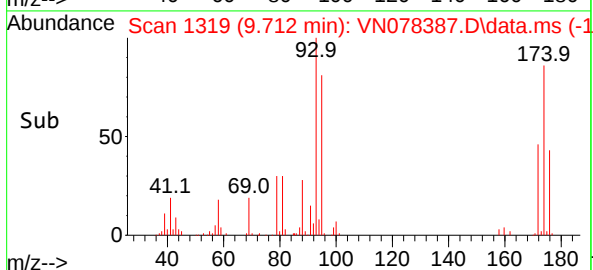
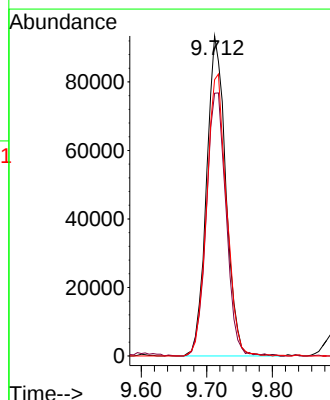
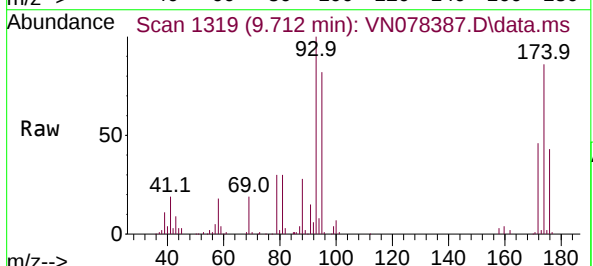
Tgt Ion: 93 Resp: 190947

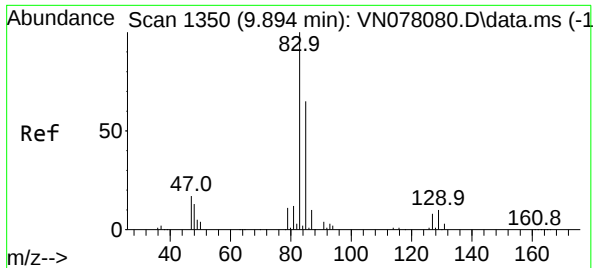
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

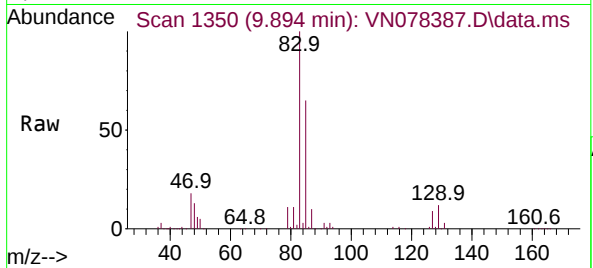
174 90.4 65.6 98.4





#47
Bromodichloromethane
Concen: 57.598 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

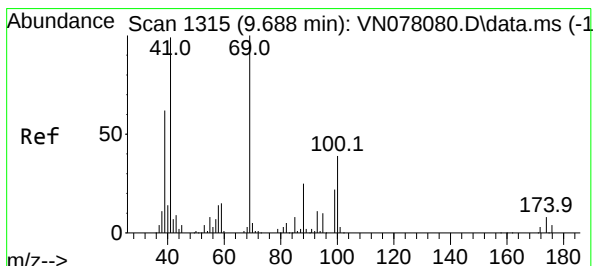
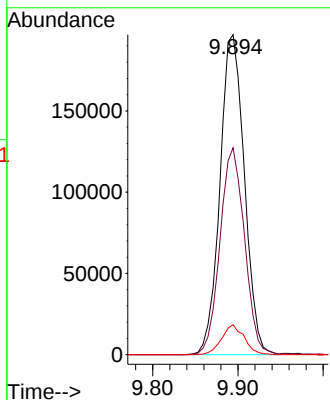
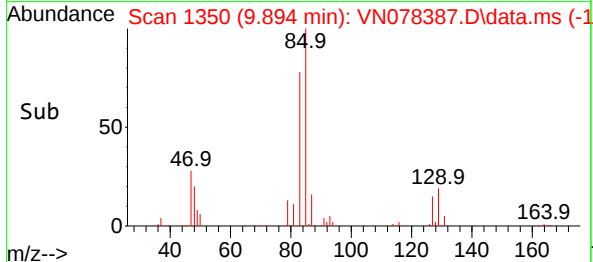
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 391800
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 9.4 7.0 10.6

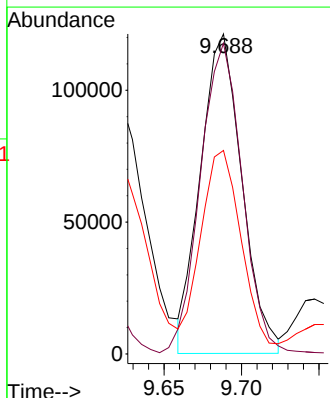
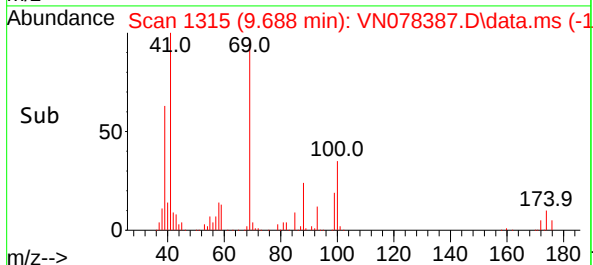
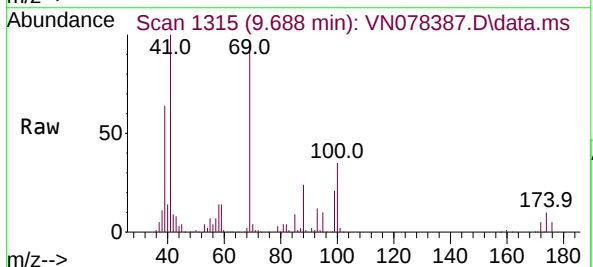
Manual Integrations
APPROVED

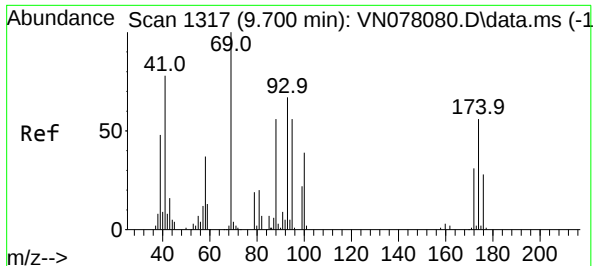
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
Methyl methacrylate
Concen: 53.703 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 41 Resp: 225370
Ion Ratio Lower Upper
41 100
69 98.1 90.4 135.6
39 63.0 54.6 81.8





#49

1,4-Dioxane

Concen: 962.587 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

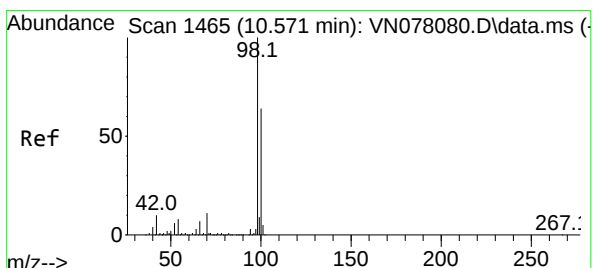
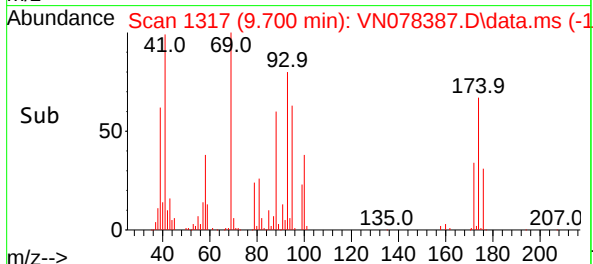
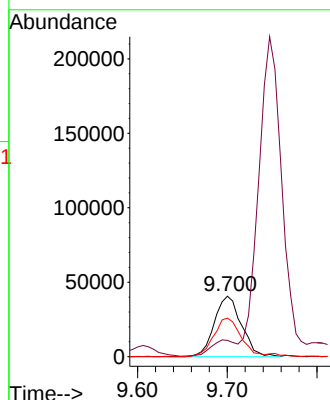
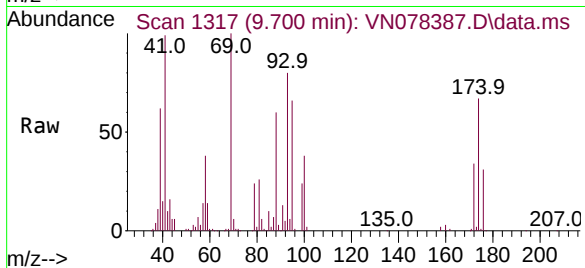
Tgt Ion:	88	Resp:	84904
Ion Ratio	Lower	Upper	
88	100		
43	25.2	17.0	25.6
58	63.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

Toluene-d8

Concen: 50.928 ug/l

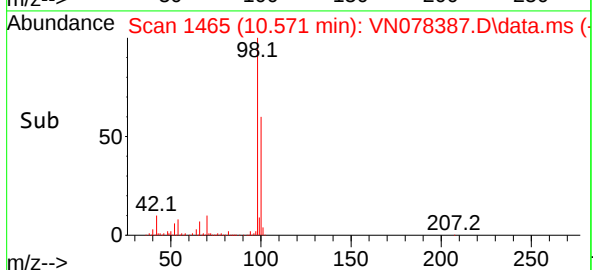
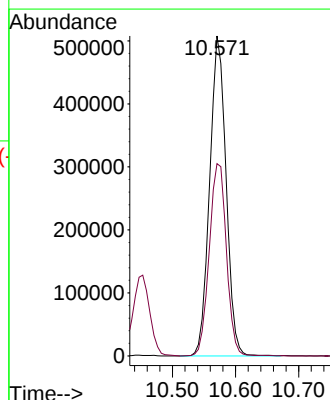
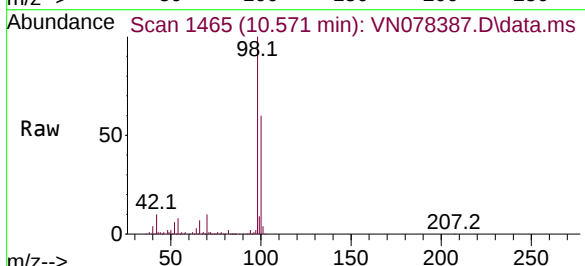
RT: 10.571 min Scan# 1465

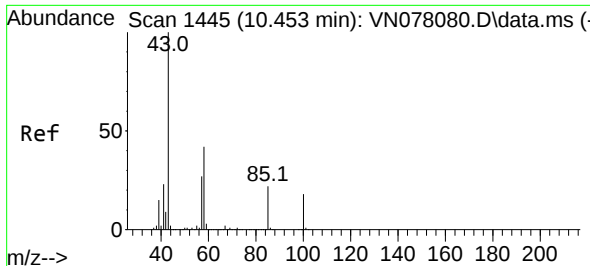
Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Tgt Ion:	98	Resp:	916183
Ion Ratio	Lower	Upper	
98	100		
100	62.8	52.0	78.0





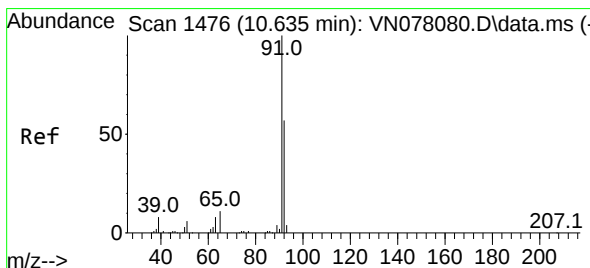
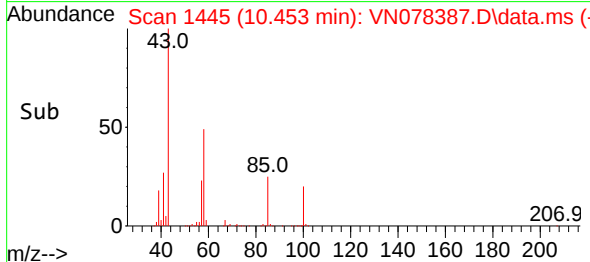
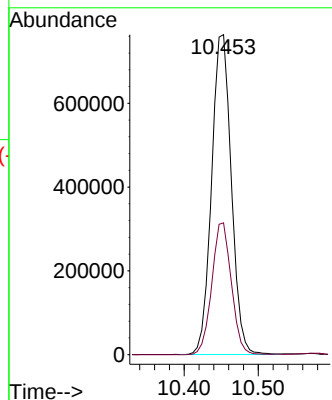
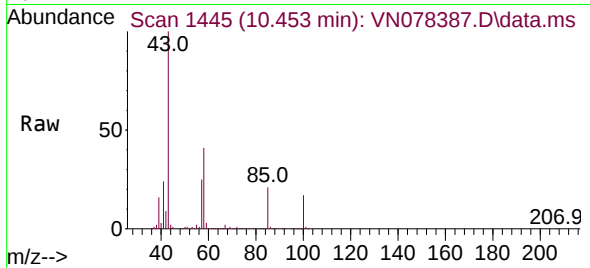
#51
4-Methyl-2-Pentanone
Concen: 268.490 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 141386
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

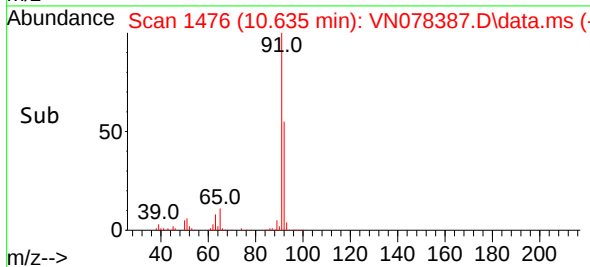
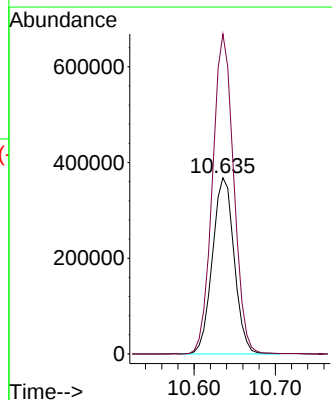
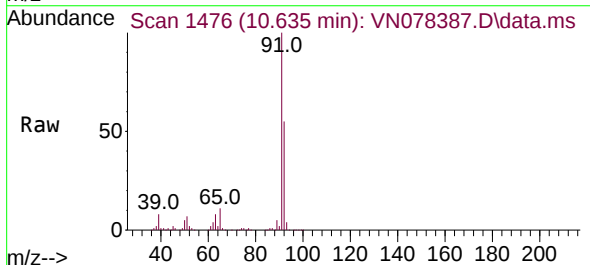
Manual Integrations
APPROVED

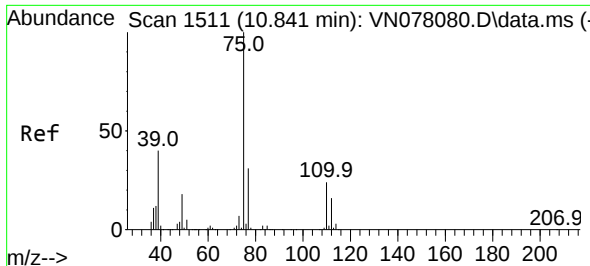
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
Toluene
Concen: 54.271 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 92 Resp: 684726
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0





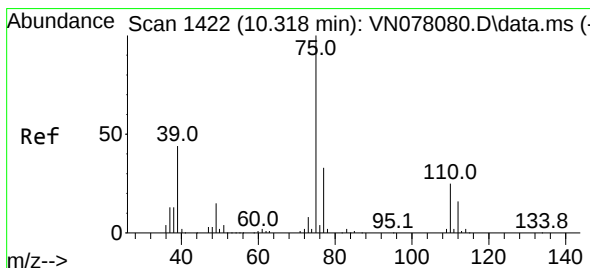
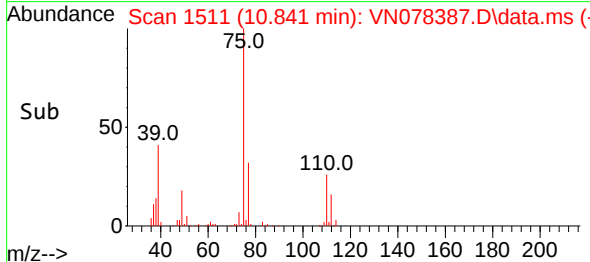
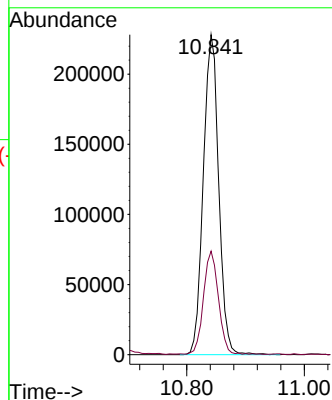
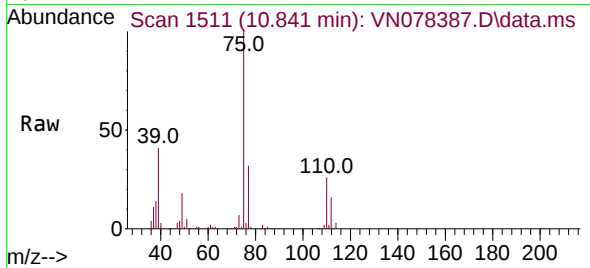
#53
 t-1,3-Dichloropropene
 Concen: 58.323 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 41318
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

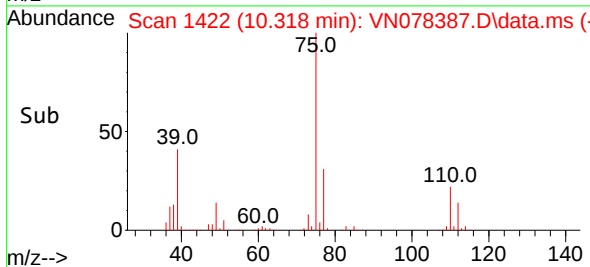
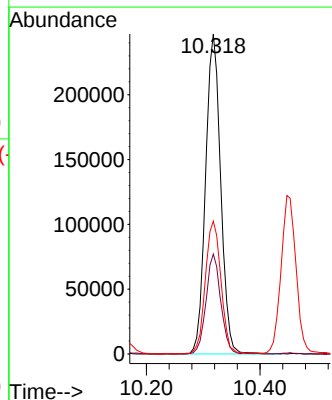
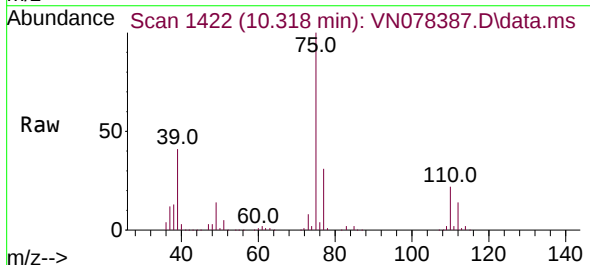
Manual Integrations
 APPROVED

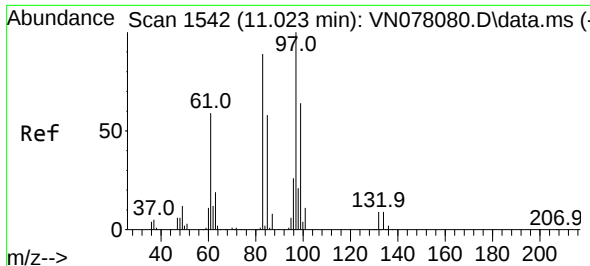
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 57.944 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

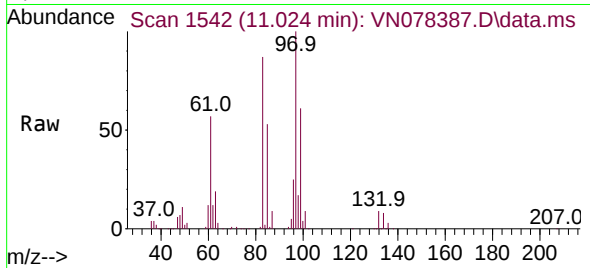
Tgt Ion: 75 Resp: 453766
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 41.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 56.721 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

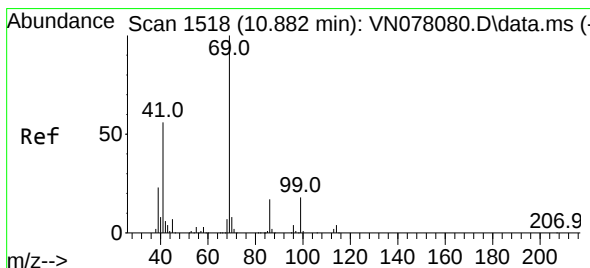
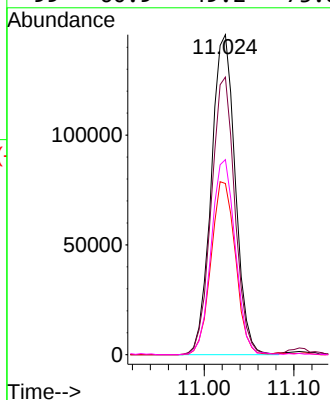
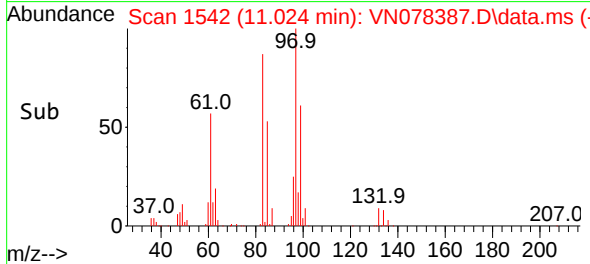
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 270715
Ion Ratio Lower Upper
97 100
83 86.8 65.1 97.7
85 53.5 43.4 65.2
99 60.9 49.2 73.8

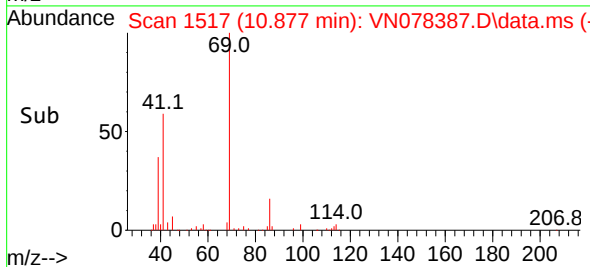
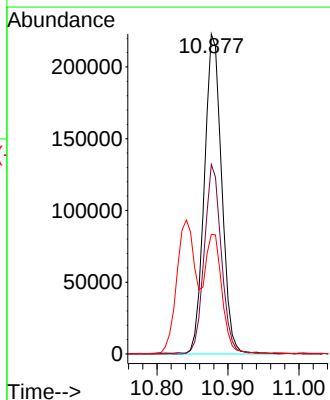
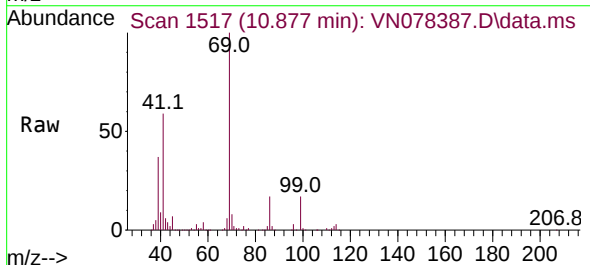
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Ethyl methacrylate
Concen: 54.364 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

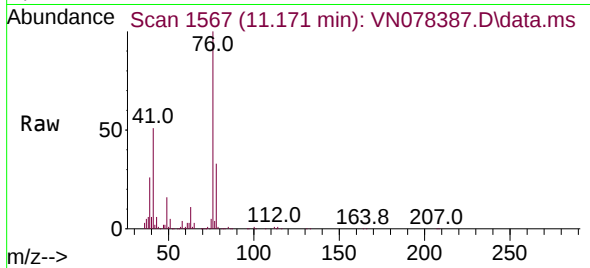
Tgt Ion: 69 Resp: 377801
Ion Ratio Lower Upper
69 100
41 59.2 39.6 59.4
39 37.4 28.6 43.0





#57
1,3-Dichloropropane
Concen: 55.290 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

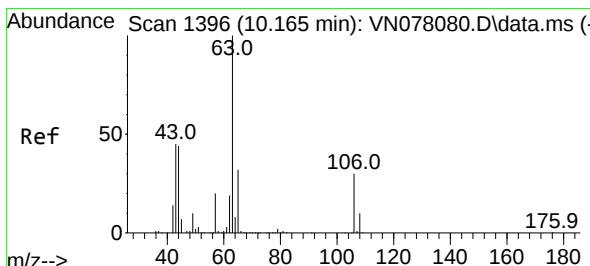
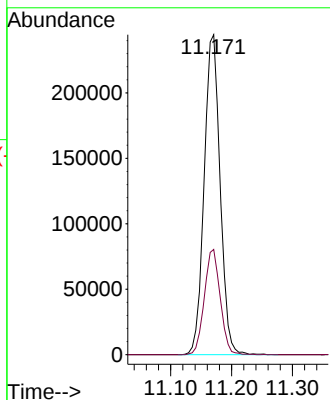
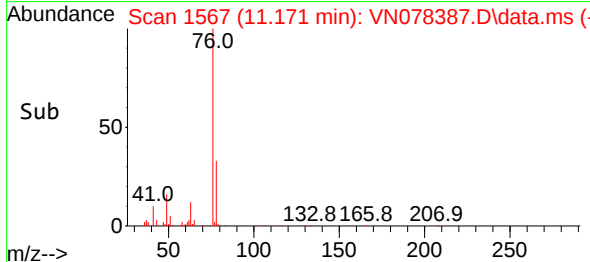
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



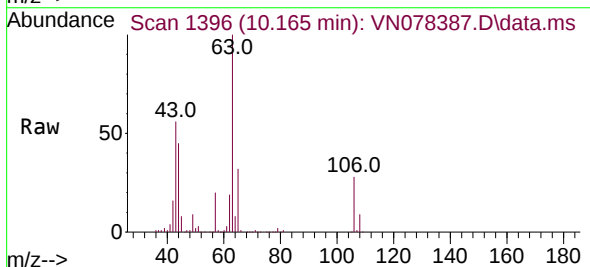
Tgt Ion: 76 Resp: 445429
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
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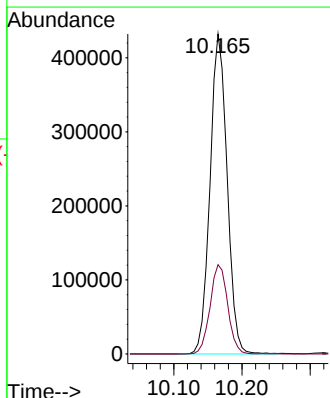
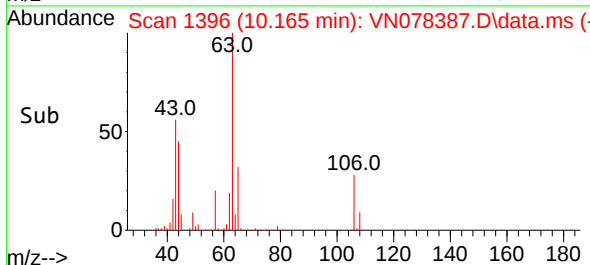
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

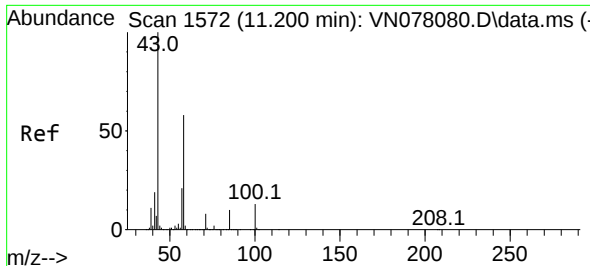


#58
2-Chloroethyl Vinyl ether
Concen: 268.842 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



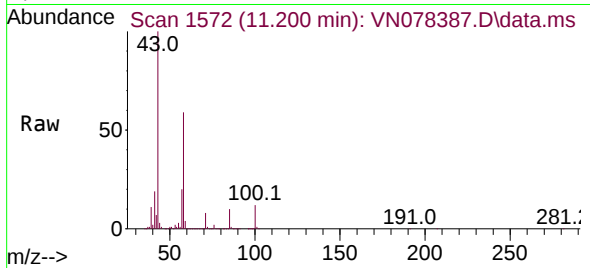
Tgt Ion: 63 Resp: 754744
Ion Ratio Lower Upper
63 100
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 269.750 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

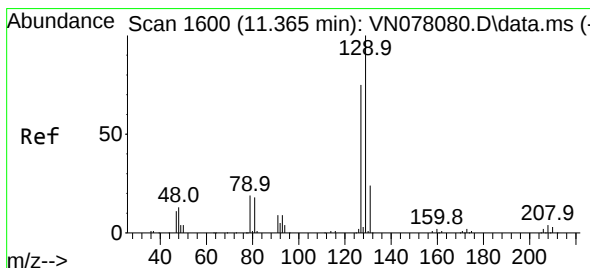
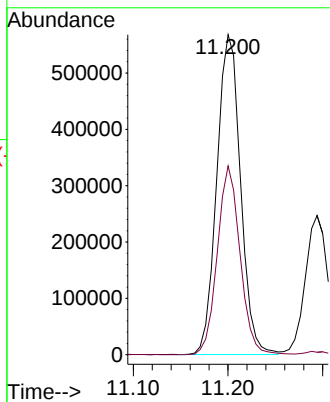
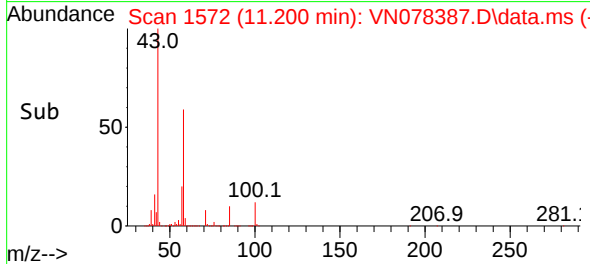
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



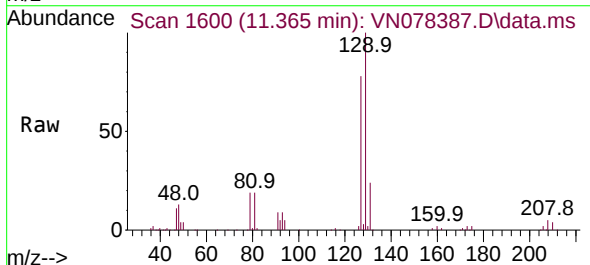
Tgt Ion: 43 Resp: 98908
Ion Ratio Lower Upper
43 100
58 56.6 31.7 95.1

Manual Integrations
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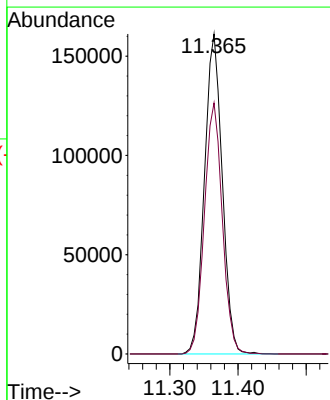
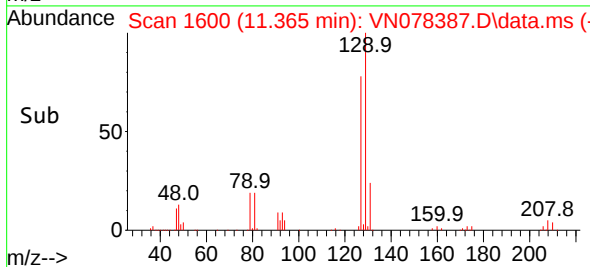
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

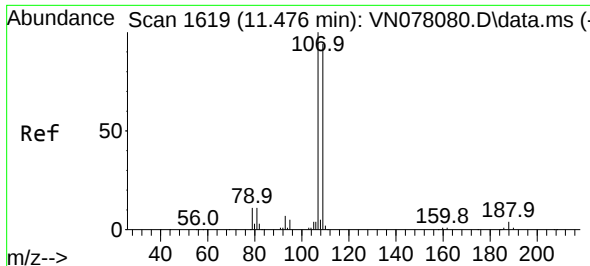


#60
Dibromochloromethane
Concen: 55.979 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



Tgt Ion:129 Resp: 292359
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





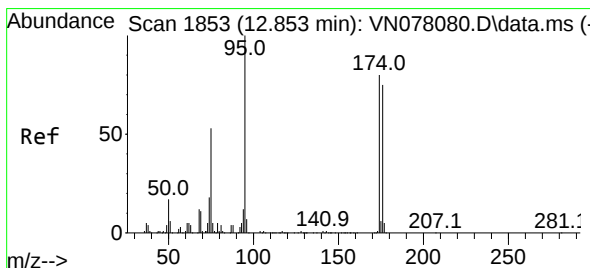
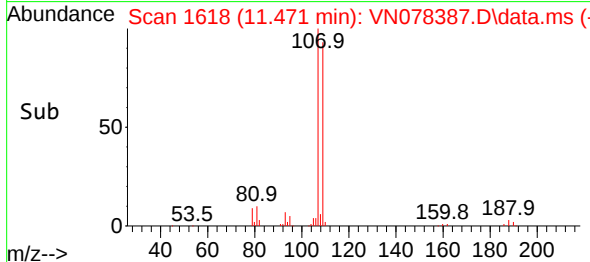
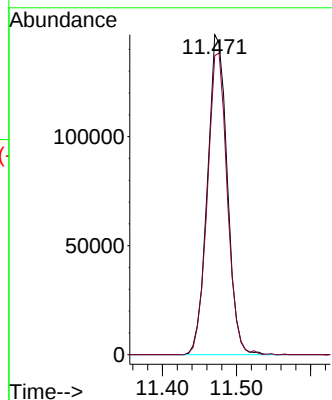
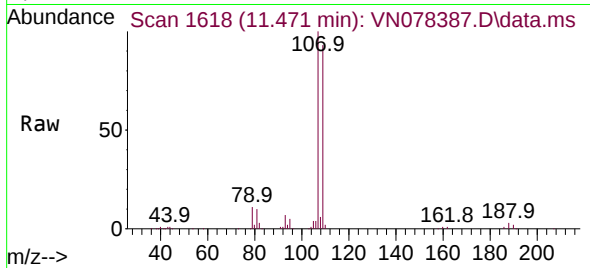
#61
1,2-Dibromoethane
Concen: 54.371 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 272328
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

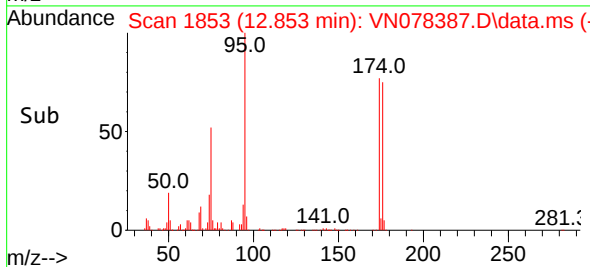
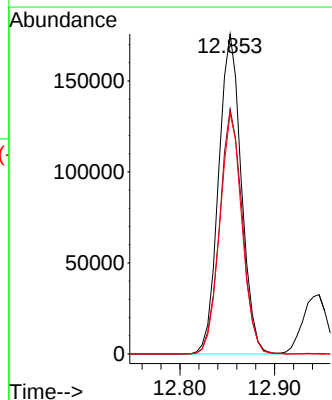
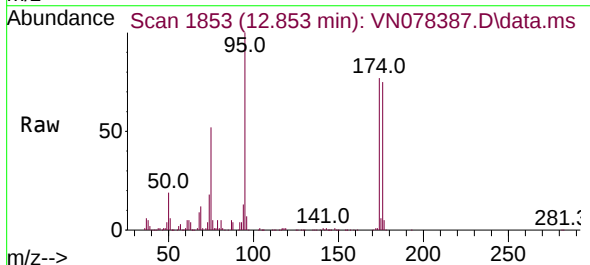
Manual Integrations
APPROVED

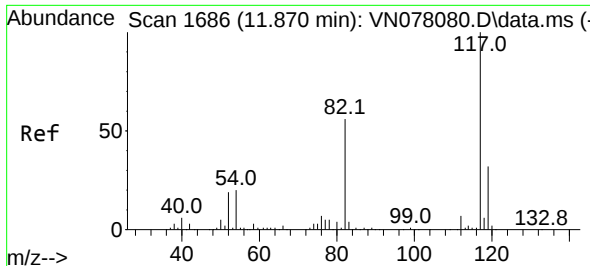
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
4-Bromofluorobenzene
Concen: 52.344 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

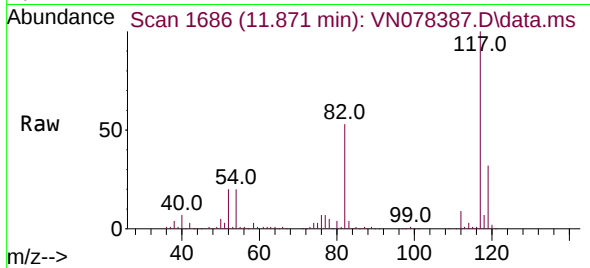
Tgt Ion: 95 Resp: 292738
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

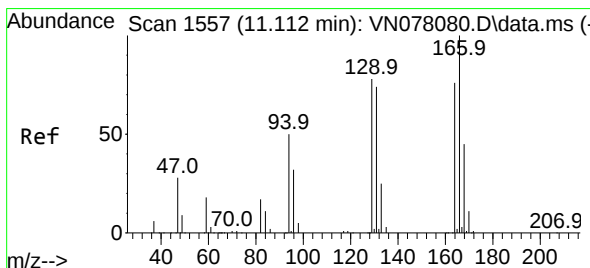
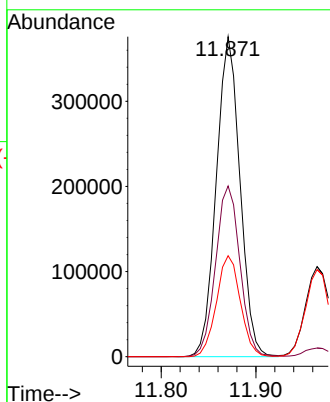
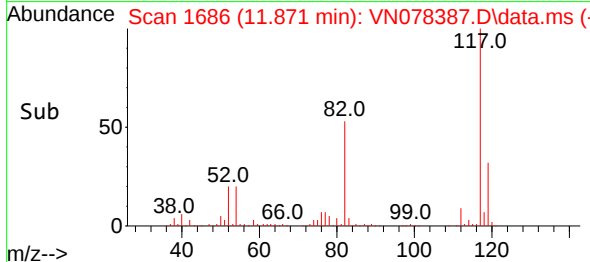
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 65442
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 31.6 25.6 38.4

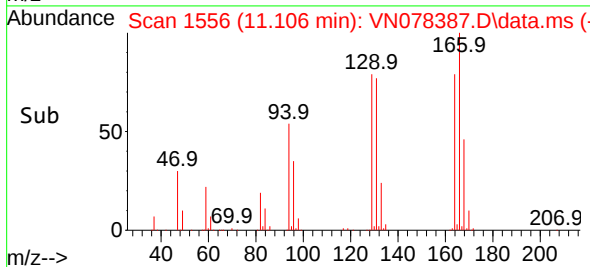
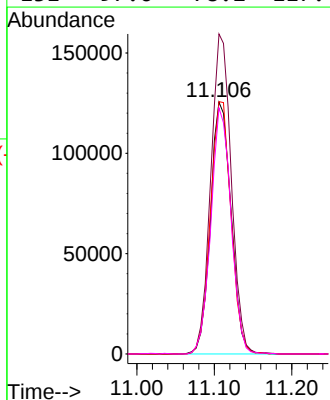
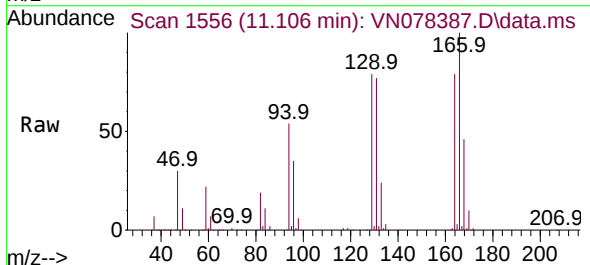
Manual Integrations
APPROVED

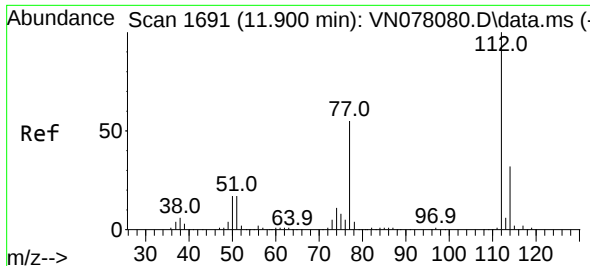
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Tetrachloroethene
Concen: 53.039 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

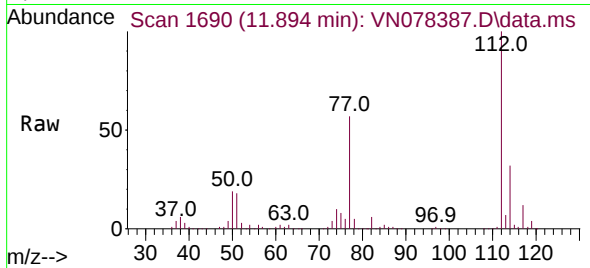
Tgt Ion:164 Resp: 231564
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 100.2 82.4 123.6
131 97.6 78.2 117.4





#65
Chlorobenzene
Concen: 52.116 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

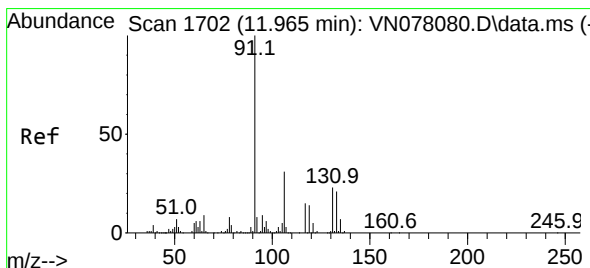
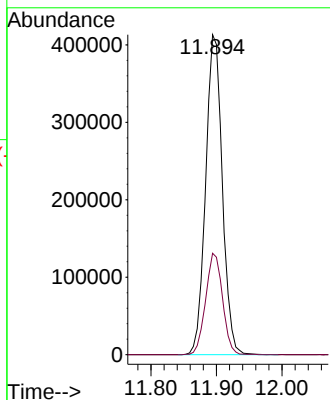
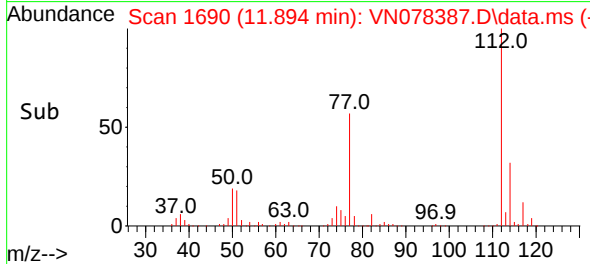
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



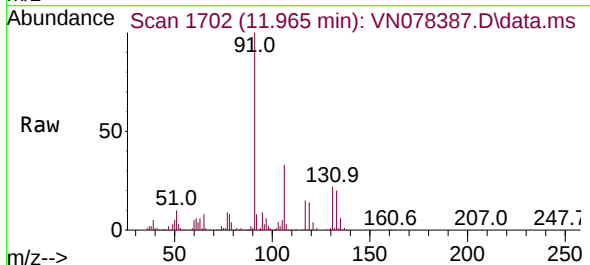
Tgt Ion:112 Resp: 730398
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

Manual Integrations
APPROVED

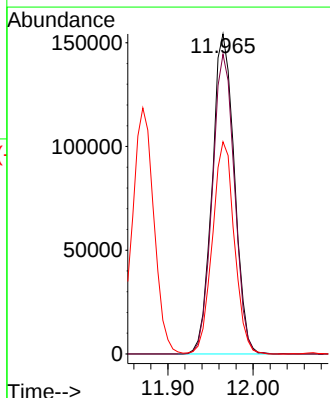
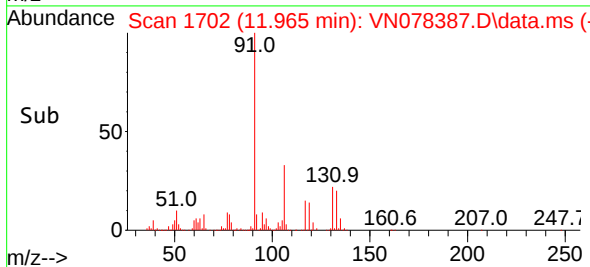
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

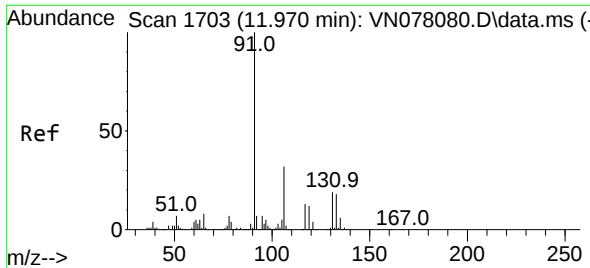


#66
1,1,1,2-Tetrachloroethane
Concen: 54.162 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



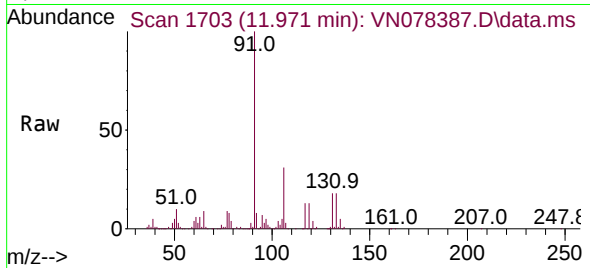
Tgt Ion:131 Resp: 279189
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 53.175 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

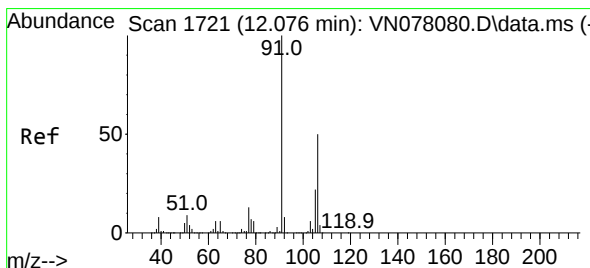
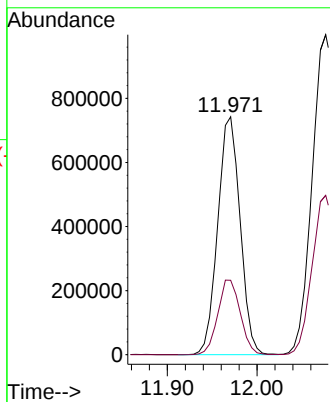
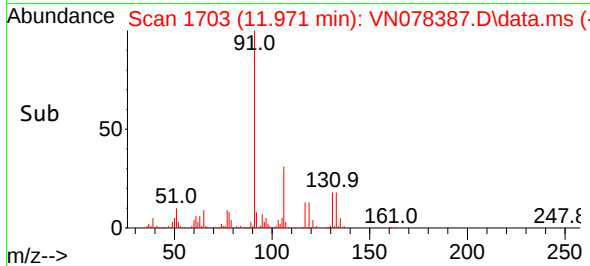
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



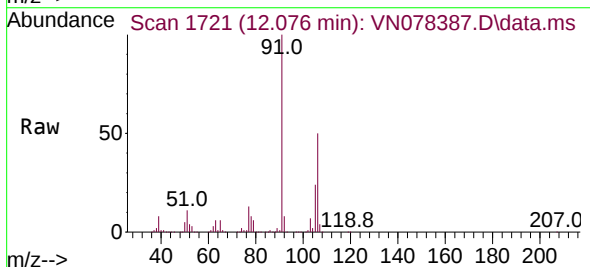
Tgt Ion: 91 Resp: 1285908
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

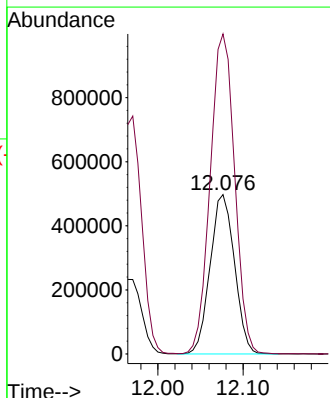
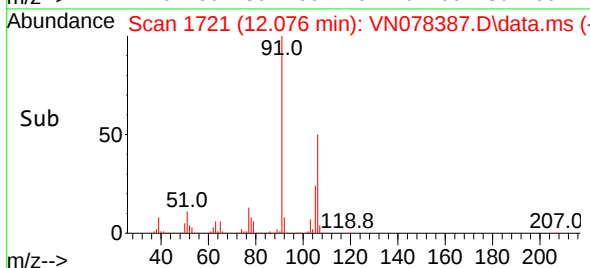
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

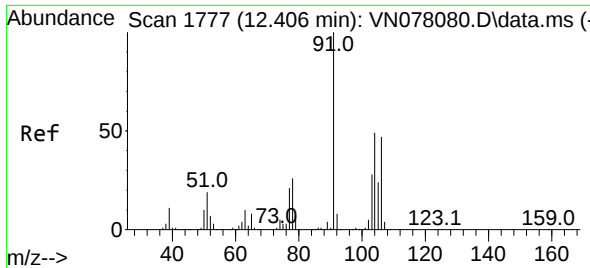


#68
m/p-Xylenes
Concen: 107.185 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



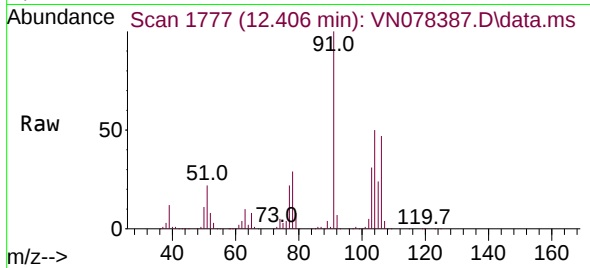
Tgt Ion:106 Resp: 987820
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4





#69
o-Xylene
Concen: 53.089 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

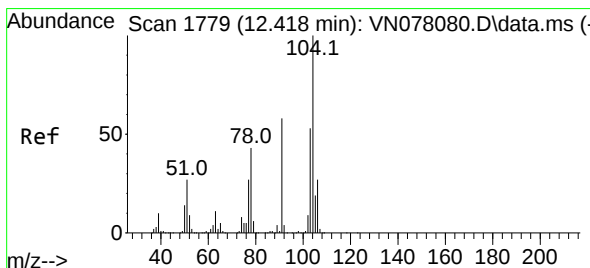
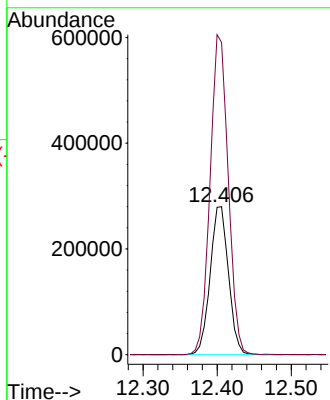
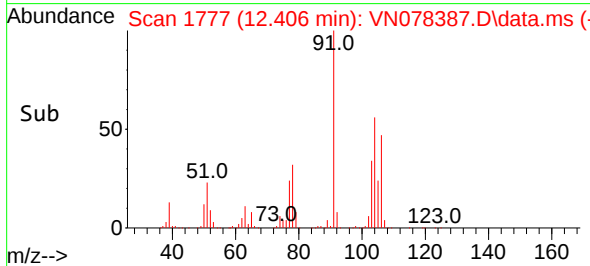
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 480468
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5

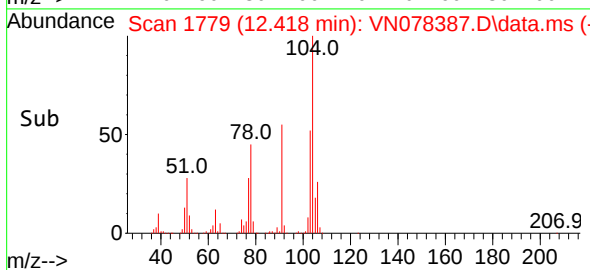
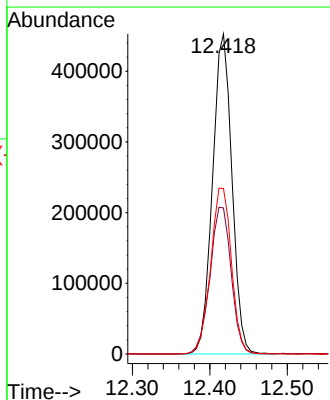
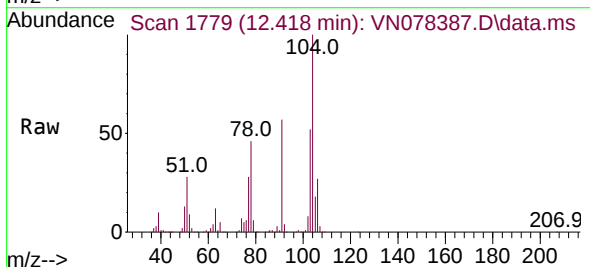
Manual Integrations
APPROVED

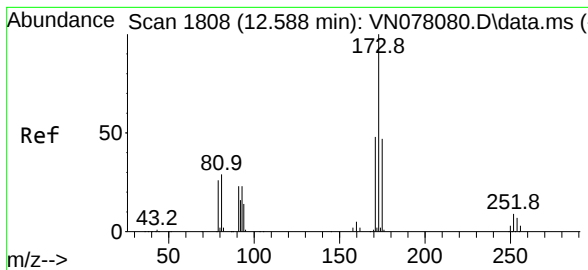
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Styrene
Concen: 55.245 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

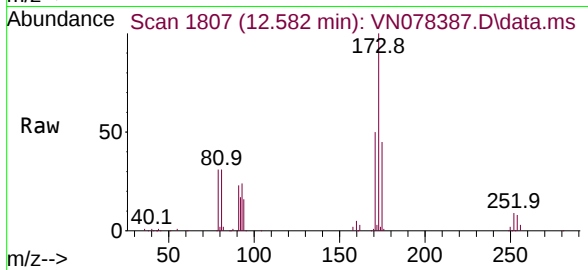
Tgt Ion:104 Resp: 787124
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 55.341 ug/l
RT: 12.582 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

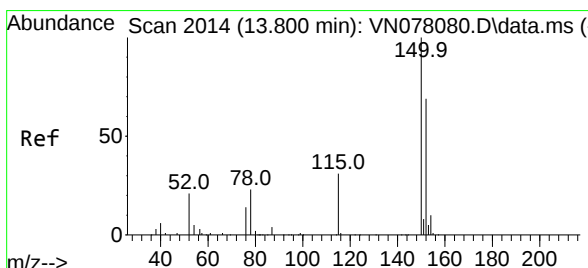
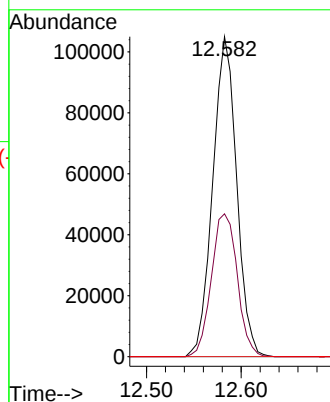
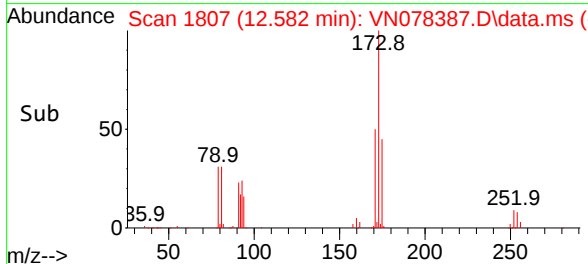
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



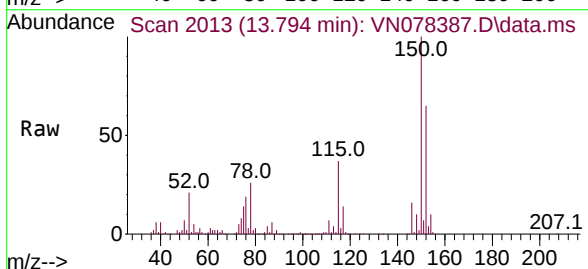
Tgt Ion:173 Resp: 18409
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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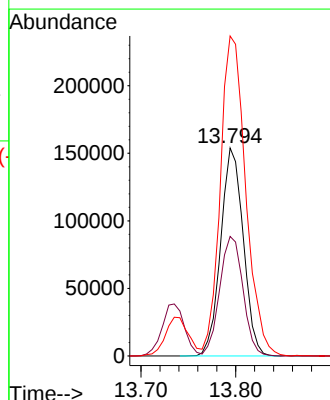
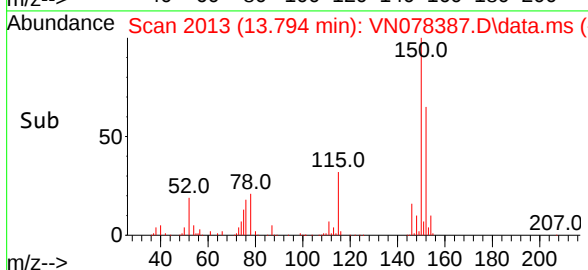
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

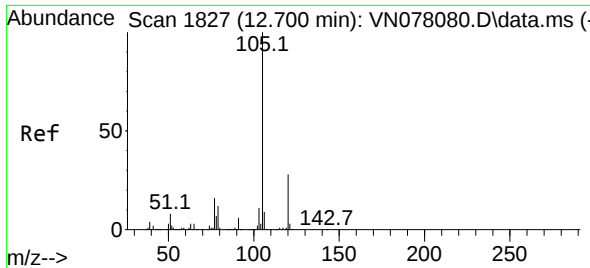


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



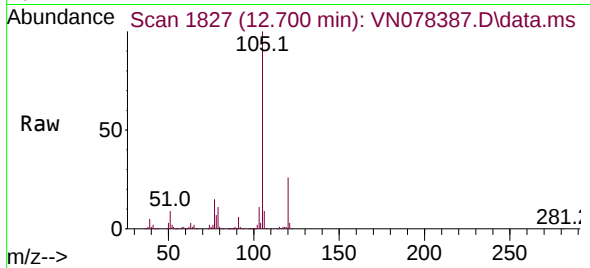
Tgt Ion:152 Resp: 255452
Ion Ratio Lower Upper
152 100
115 59.0 32.3 96.8
150 172.5 0.0 355.8





#73
Isopropylbenzene
Concen: 47.835 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

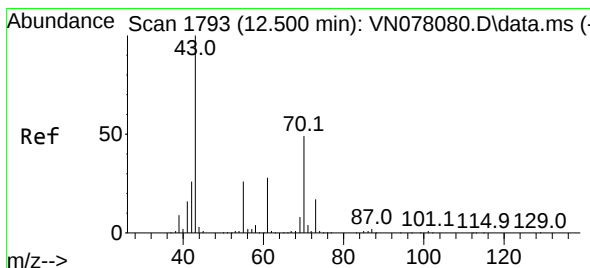
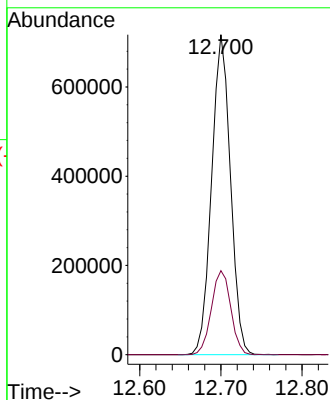
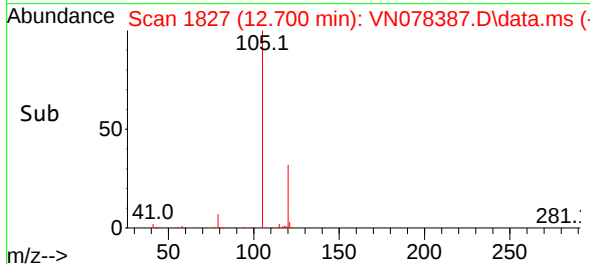
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



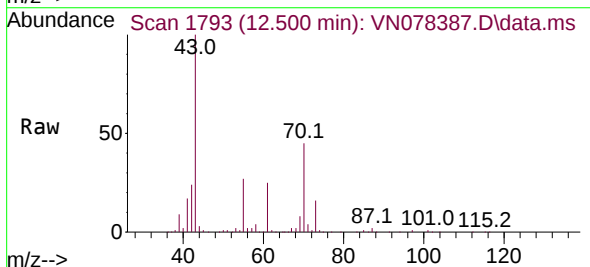
Tgt Ion:105 Resp: 115551
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

Manual Integrations
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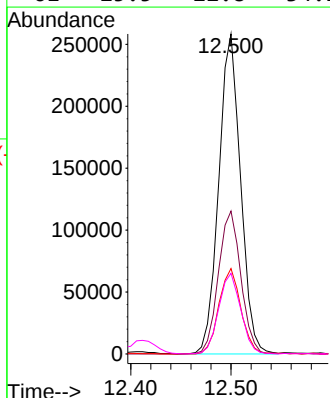
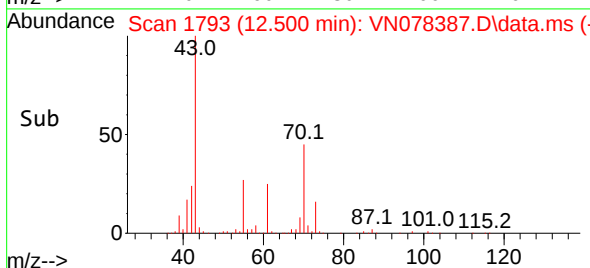
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

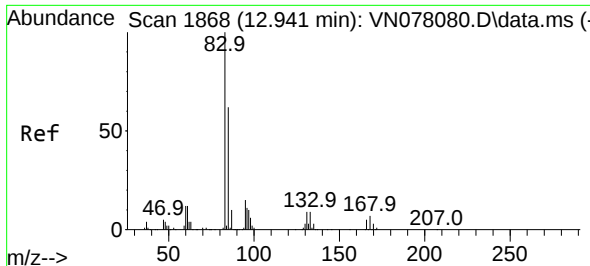


#74
N-ethyl acetate
Concen: 49.034 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



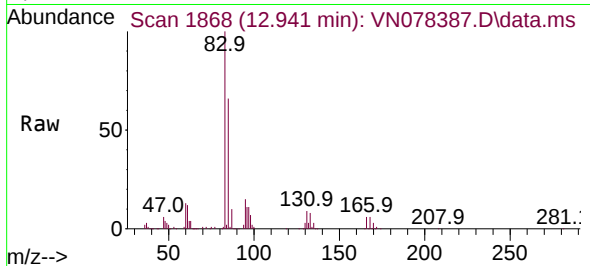
Tgt Ion: 43 Resp: 390052
Ion Ratio Lower Upper
43 100
70 46.3 43.4 65.2
55 27.0 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.263 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

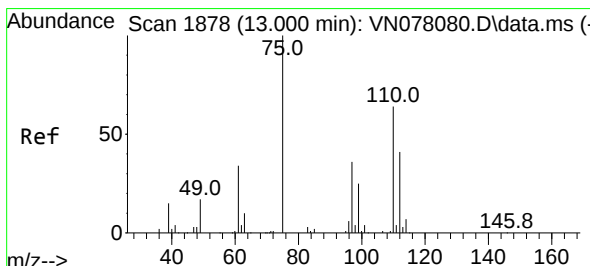
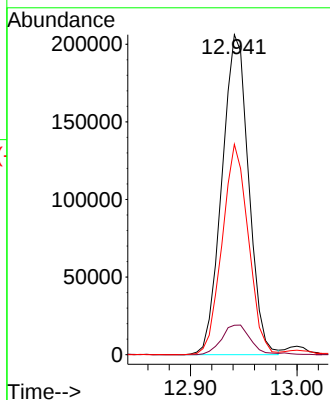
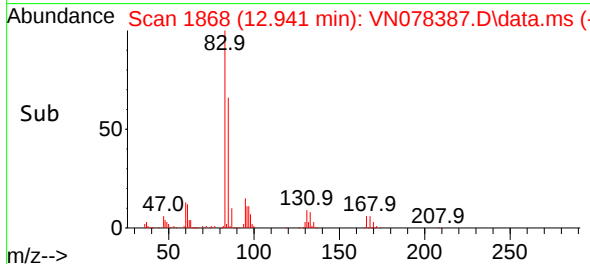
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 35913
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.4 31.9 95.7

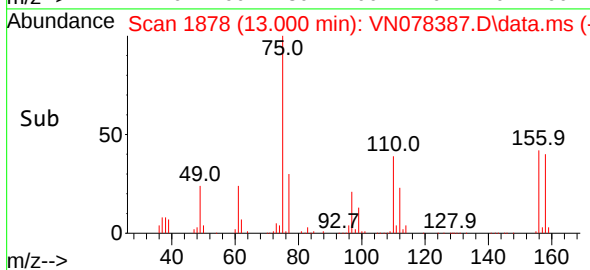
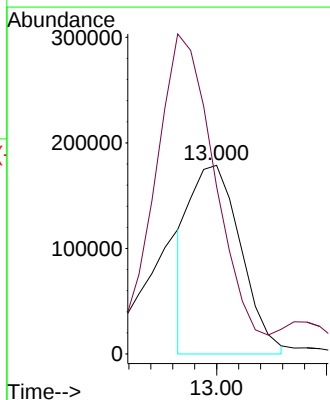
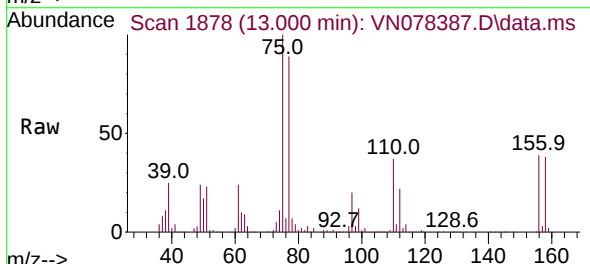
Manual Integrations
APPROVED

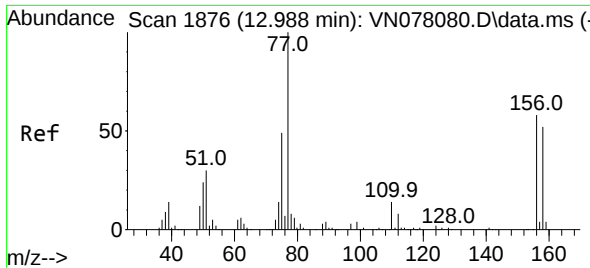
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,2,3-Trichloropropane
Concen: 47.721 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

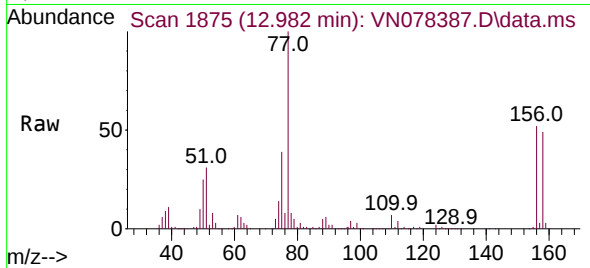
Tgt Ion: 75 Resp: 288185
Ion Ratio Lower Upper
75 100
77 205.2 84.5 253.5





#77
Bromobenzene
Concen: 49.551 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

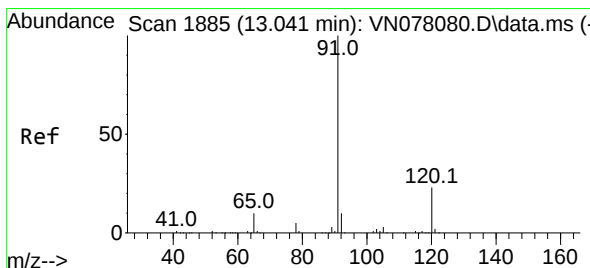
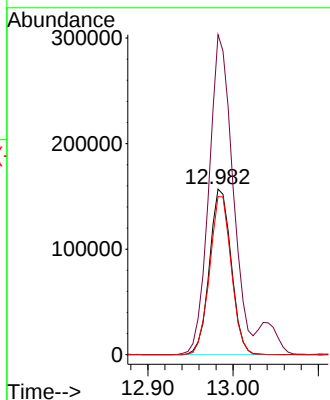
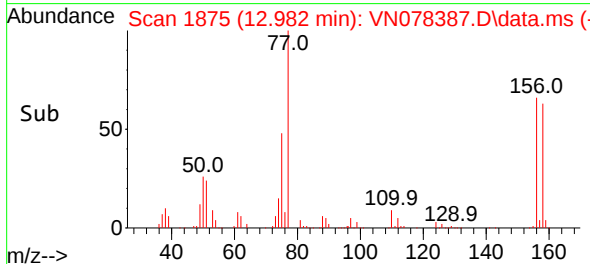
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 277863
Ion Ratio Lower Upper
156 100
77 212.9 107.7 323.3
158 95.1 48.4 145.3

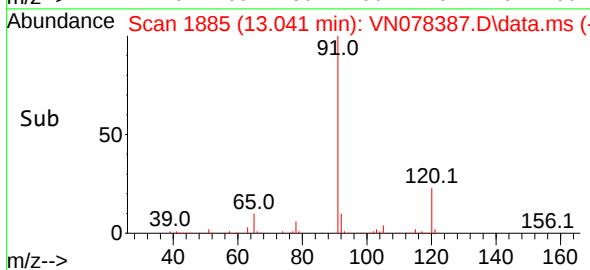
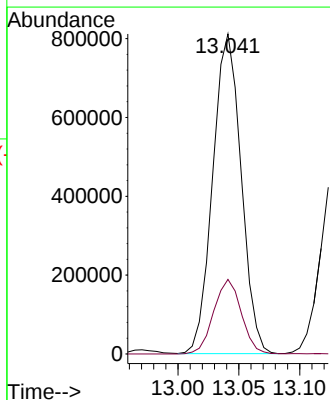
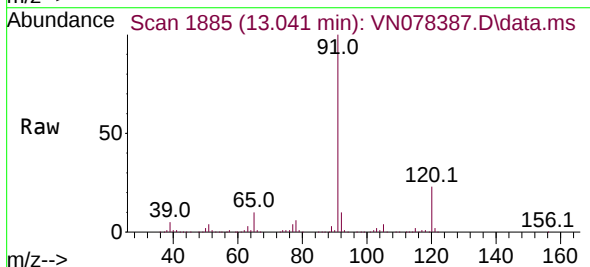
Manual Integrations
APPROVED

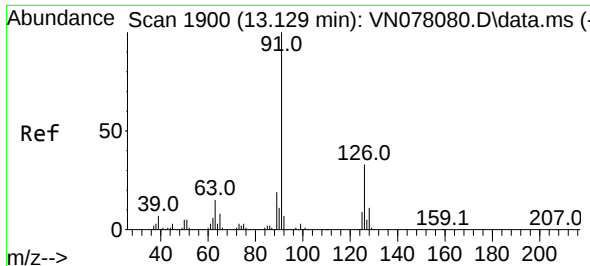
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
n-propylbenzene
Concen: 50.092 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 91 Resp: 1314665
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





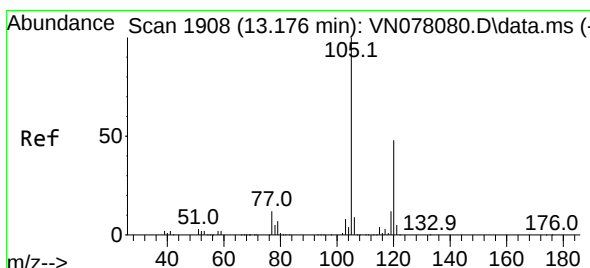
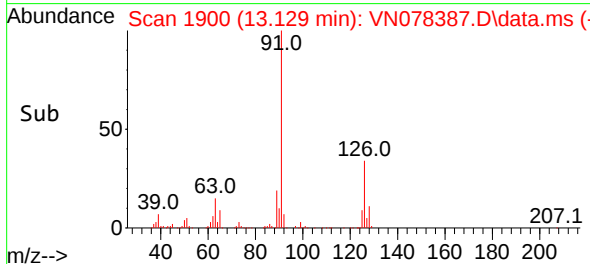
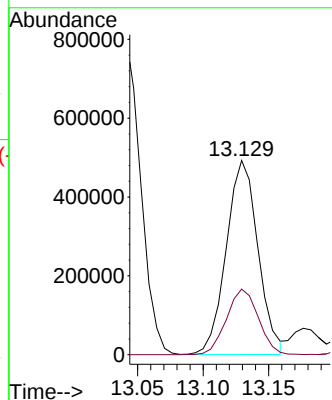
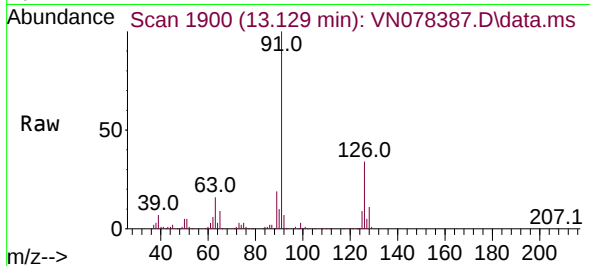
#79
2-Chlorotoluene
Concen: 48.922 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 828809
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

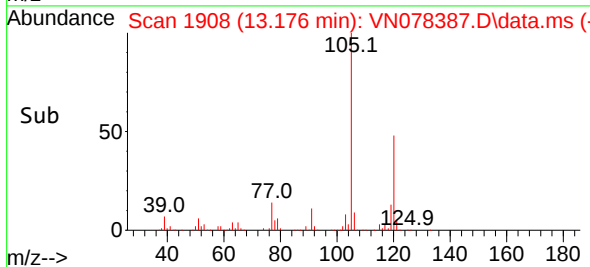
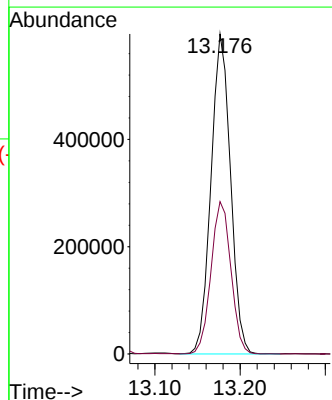
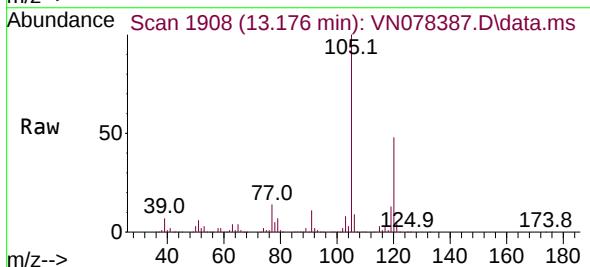
Manual Integrations
APPROVED

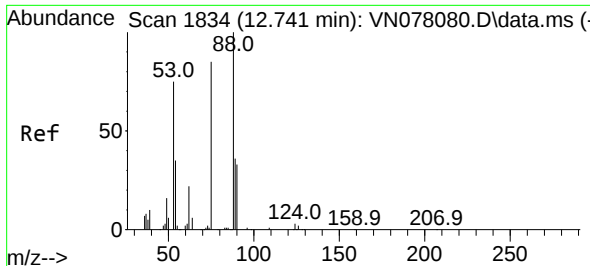
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.502 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

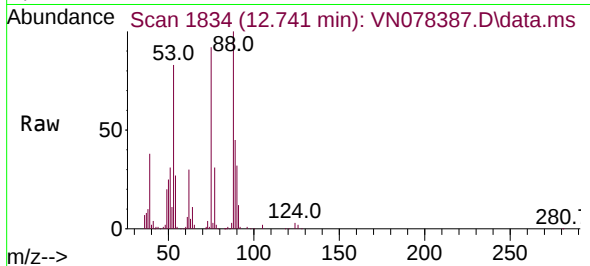
Tgt Ion:105 Resp: 948575
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.829 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

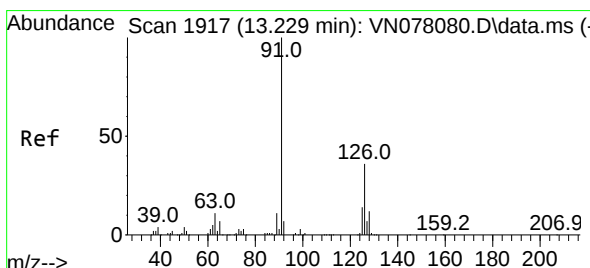
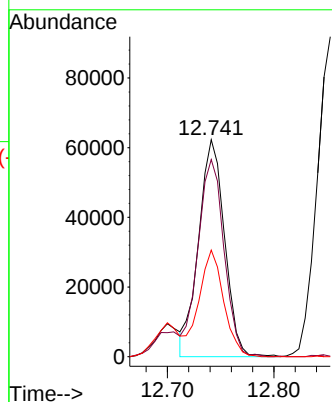
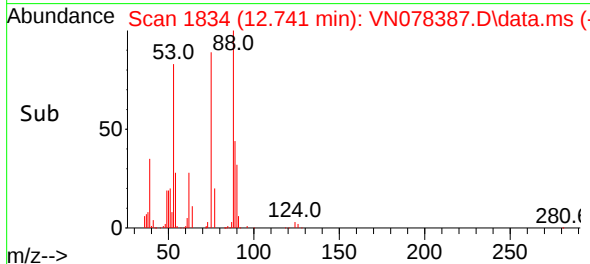
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 105807
Ion Ratio Lower Upper
75 100
53 103.0 67.4 101.2
89 47.6 38.8 58.2

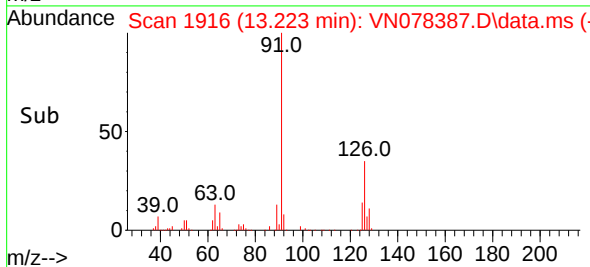
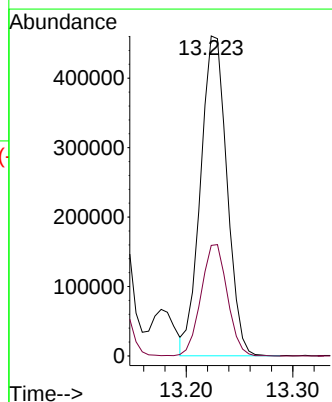
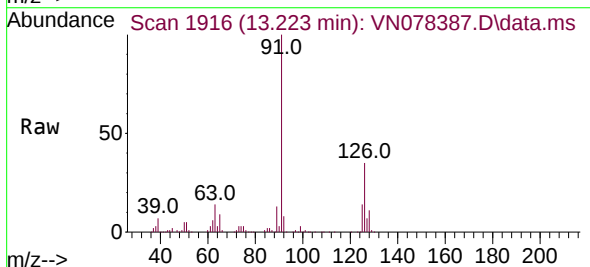
Manual Integrations
APPROVED

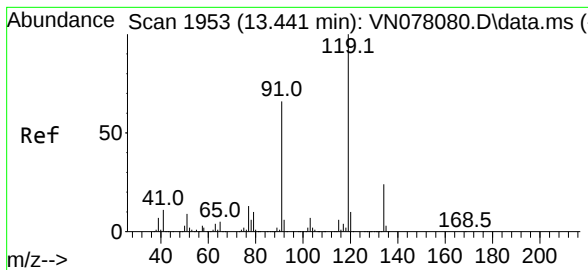
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#82
4-Chlorotoluene
Concen: 50.230 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 91 Resp: 794197
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





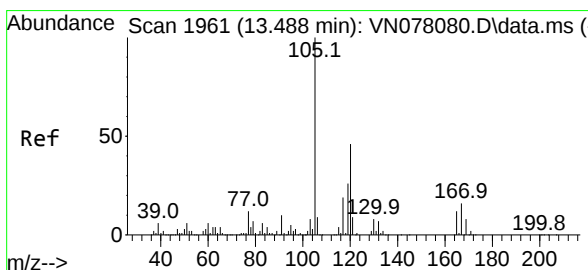
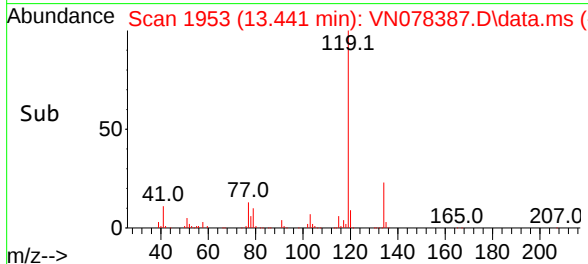
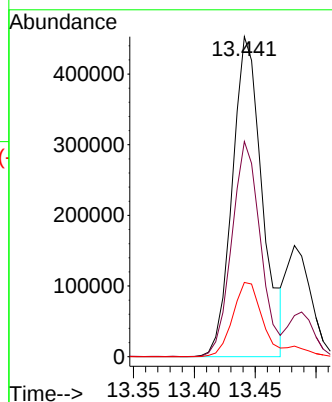
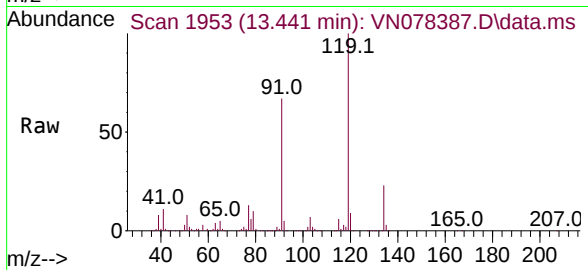
#83
tert-Butylbenzene
Concen: 45.479 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 77317
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 25.2 13.2 39.6

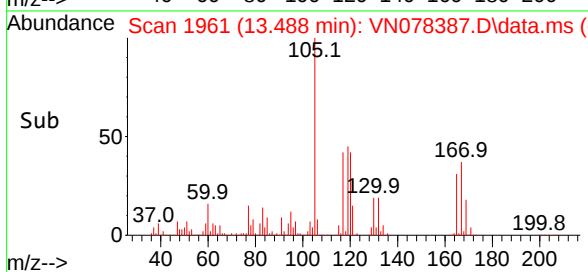
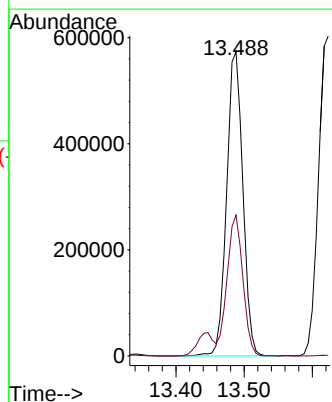
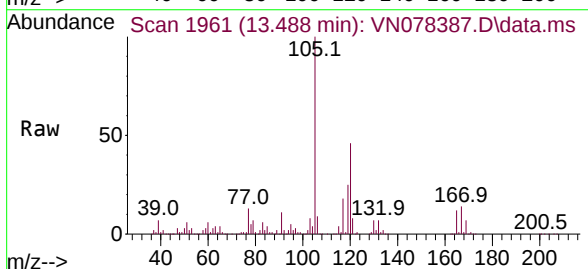
Manual Integrations
APPROVED

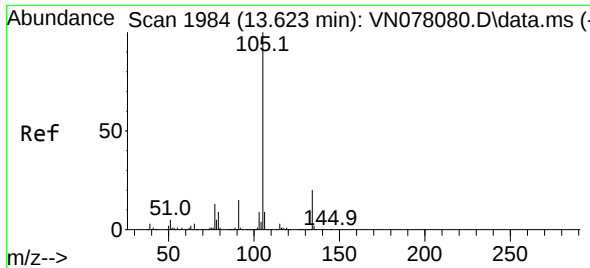
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.974 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

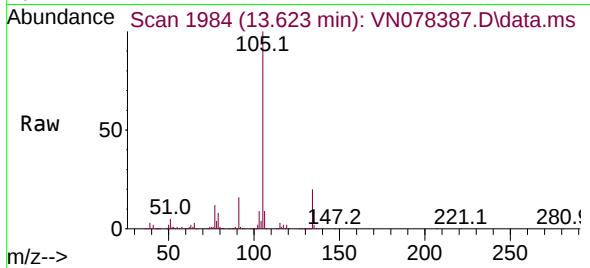
Tgt Ion:105 Resp: 947565
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 43.710 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38

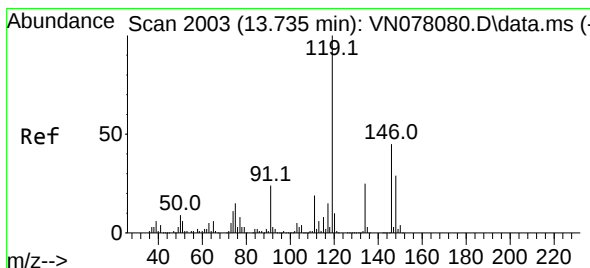
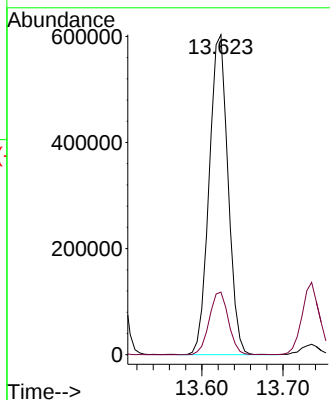
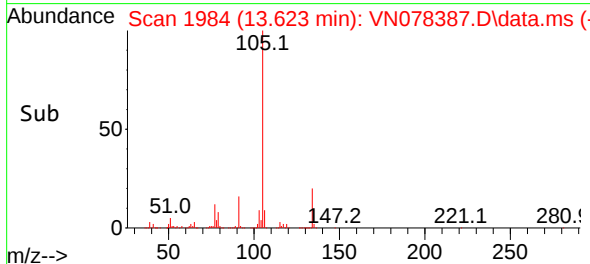
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



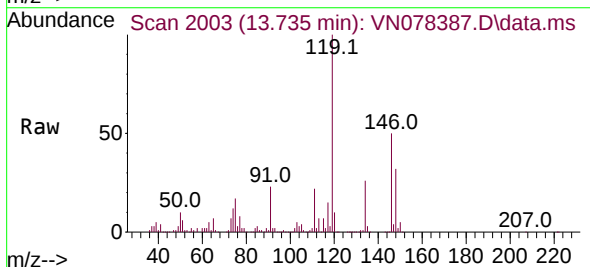
Tgt Ion:105 Resp: 972615
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

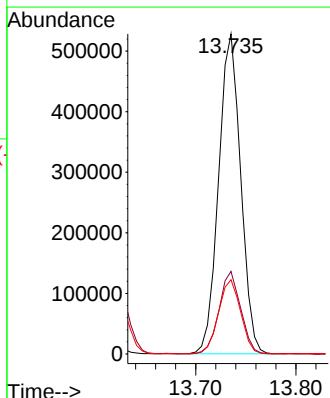
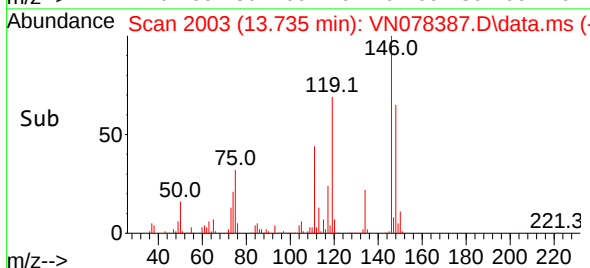
Reviewed By :John Carlone 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

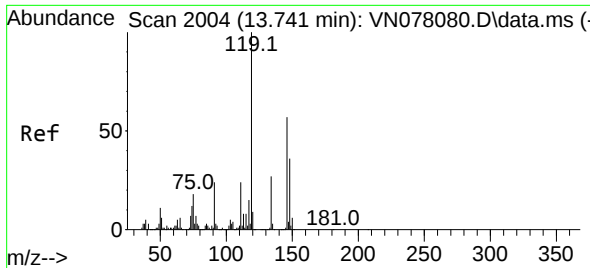


#86
 p-Isopropyltoluene
 Concen: 44.757 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078387.D
 Acq: 24 Jun 2023 11:38



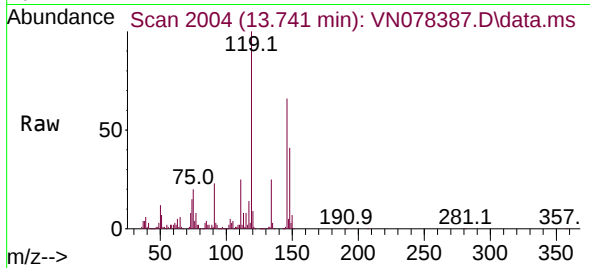
Tgt Ion:119 Resp: 808180
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 23.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.287 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

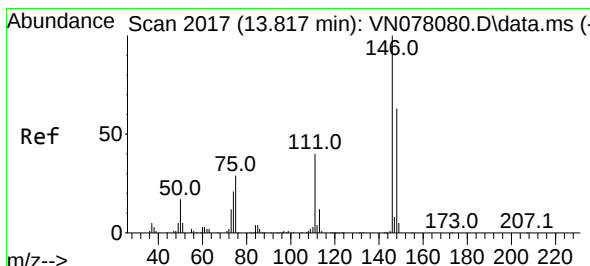
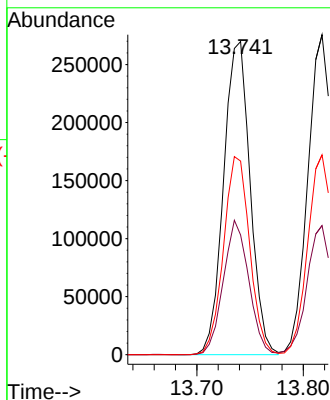
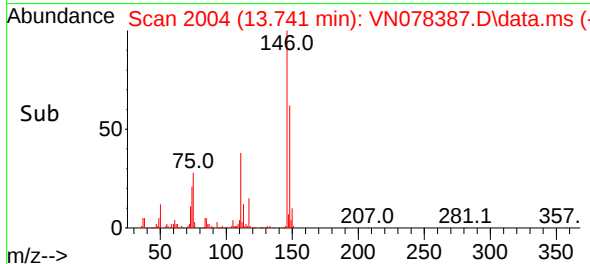
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



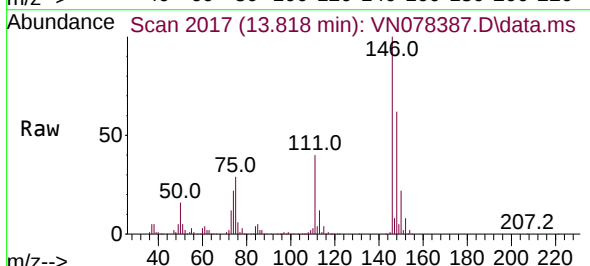
Tgt Ion:146 Resp: 46750
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 62.5 32.0 96.0

Manual Integrations
APPROVED

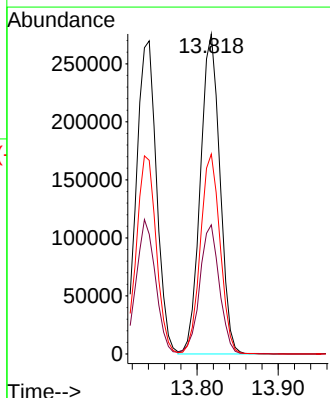
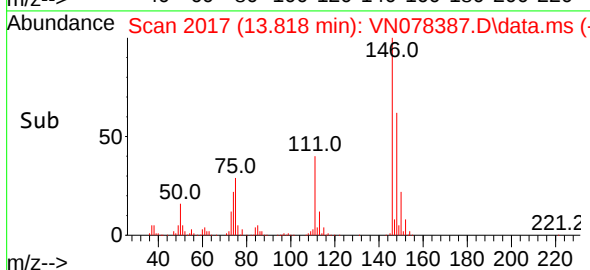
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023

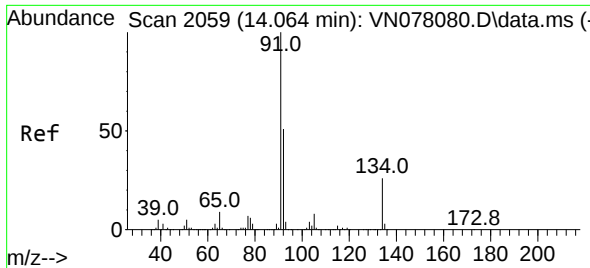


#88
1,4-Dichlorobenzene
Concen: 50.307 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



Tgt Ion:146 Resp: 460448
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.0 31.6 94.8





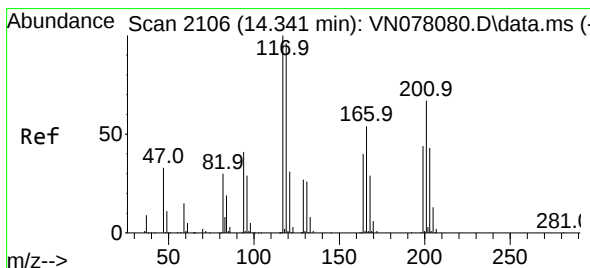
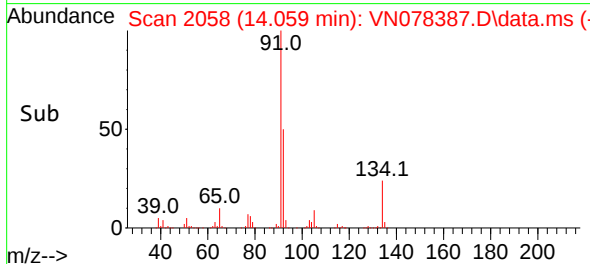
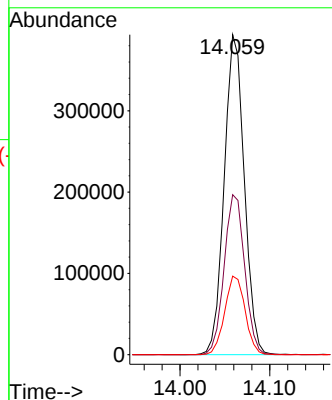
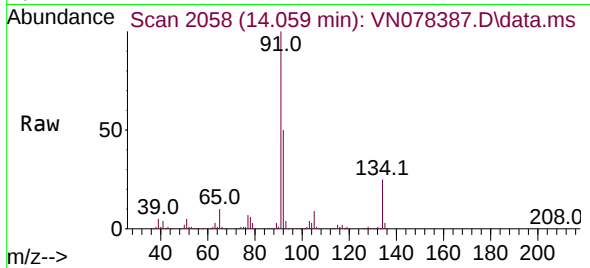
#89
n-Butylbenzene
Concen: 42.956 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 61179
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.0 12.6 37.6

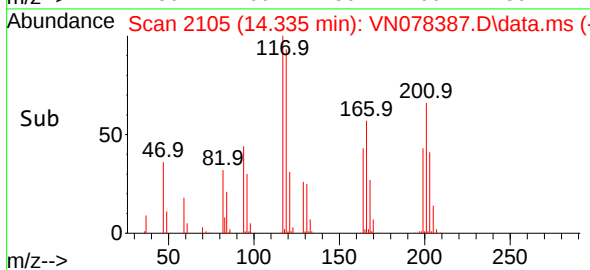
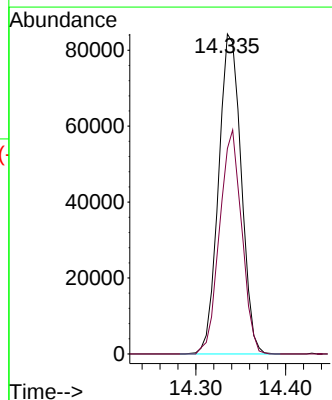
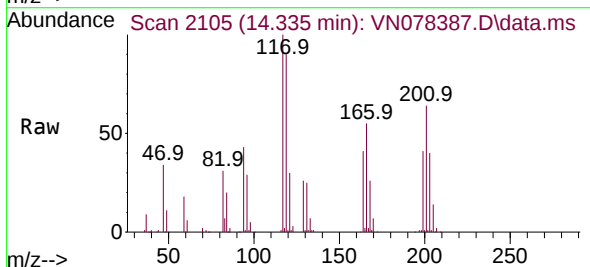
Manual Integrations
APPROVED

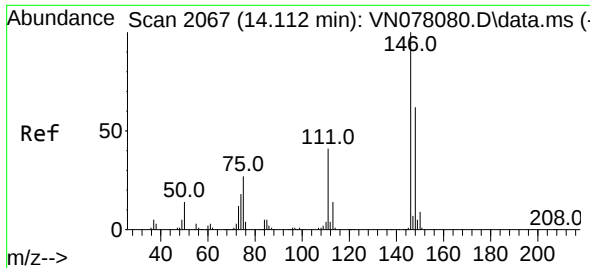
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#90
Hexachloroethane
Concen: 46.022 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion:117 Resp: 147476
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0





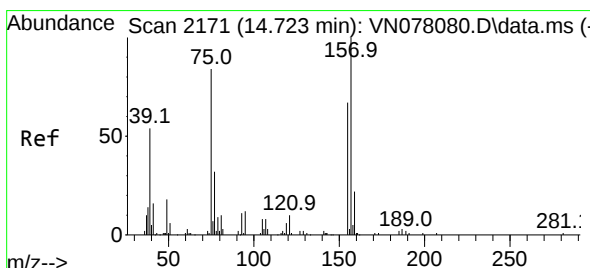
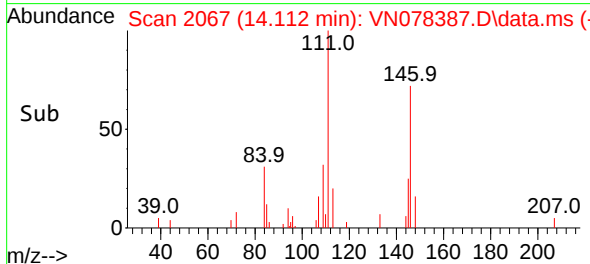
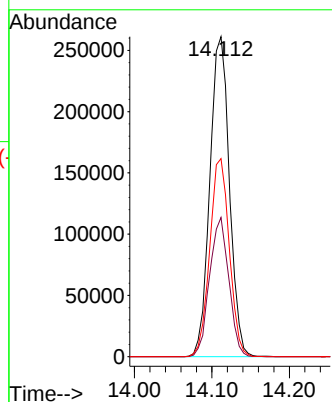
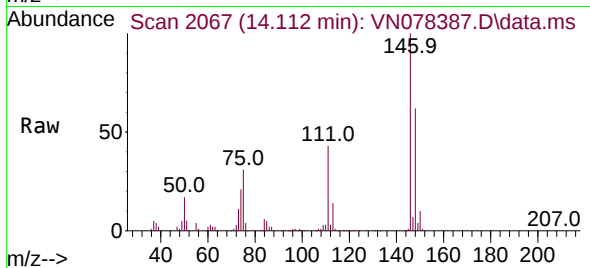
#91
1,2-Dichlorobenzene
Concen: 49.306 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 45708
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 62.0 31.8 95.3

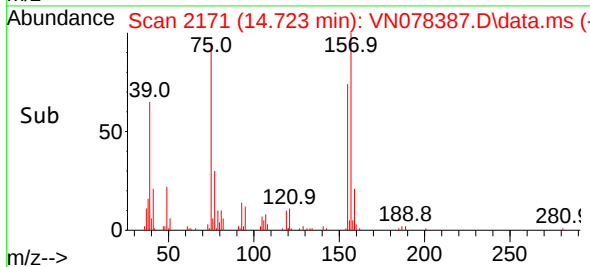
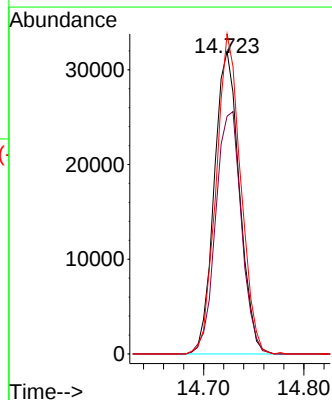
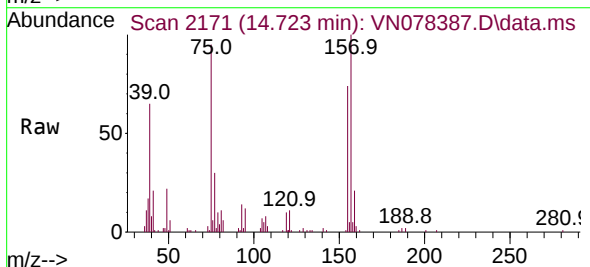
Manual Integrations
APPROVED

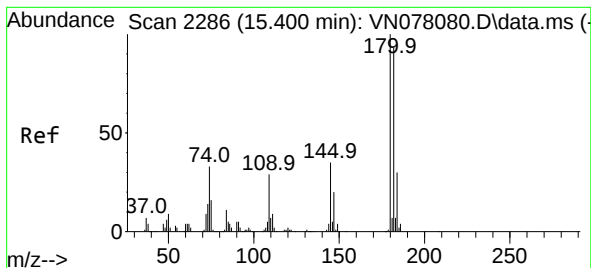
Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.481 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

Tgt Ion: 75 Resp: 55615
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 103.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 40.901 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 13509

Ion Ratio Lower Upper

180 100

182 97.8 46.1 138.2

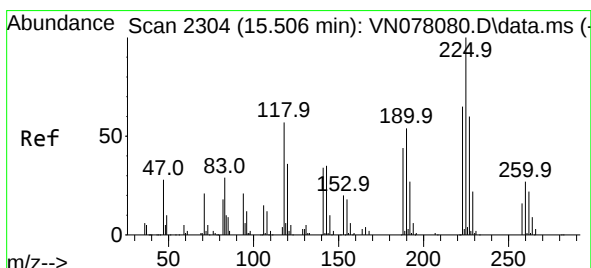
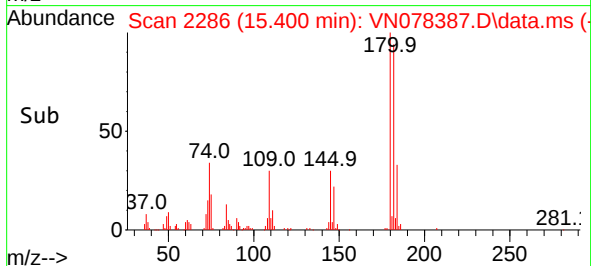
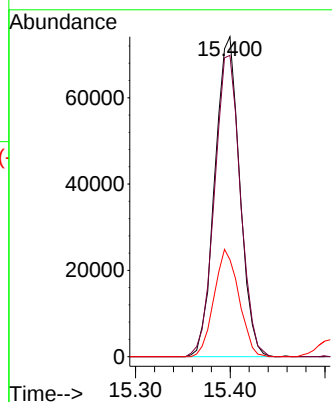
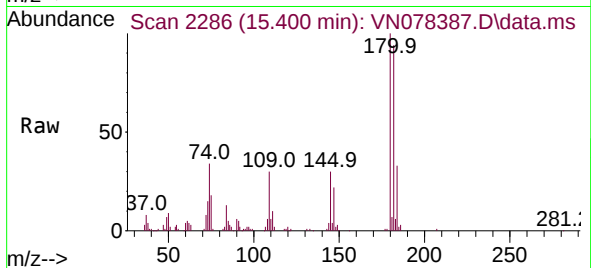
145 33.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/26/2023

Supervised By :Mahesh Dadoda 06/26/2023



#94

Hexachlorobutadiene

Concen: 45.344 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN078387.D

Acq: 24 Jun 2023 11:38

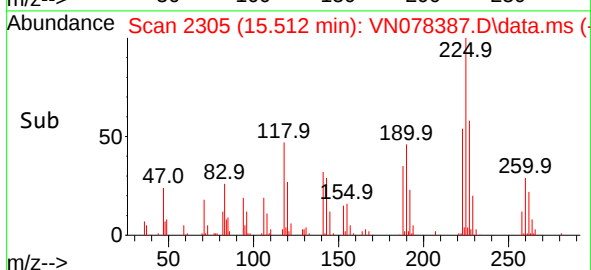
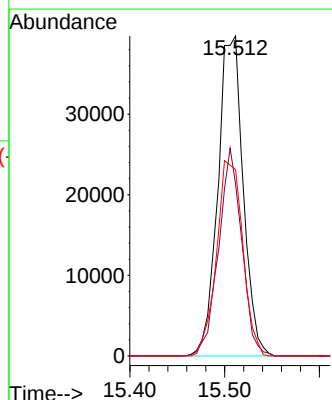
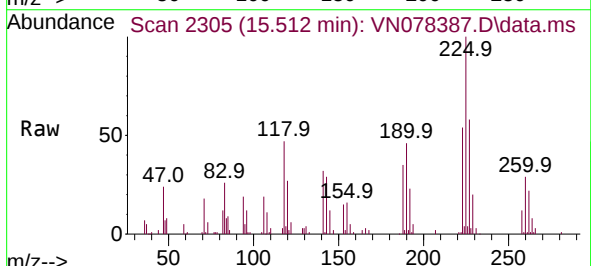
Tgt Ion:225 Resp: 73817

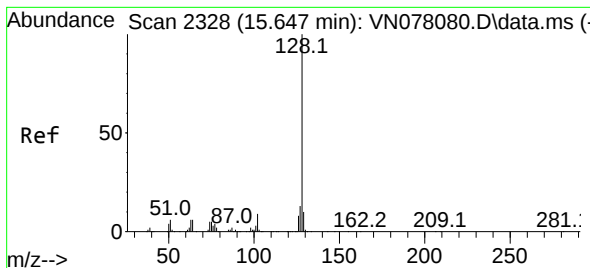
Ion Ratio Lower Upper

225 100

223 59.1 31.3 93.8

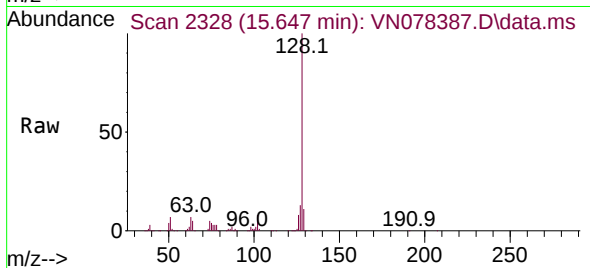
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 40.044 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38

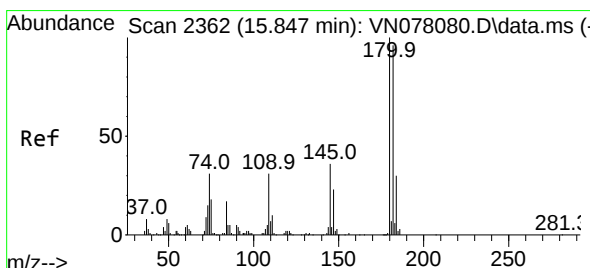
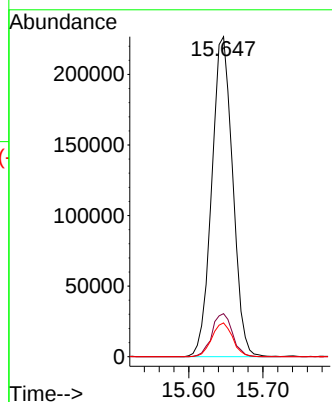
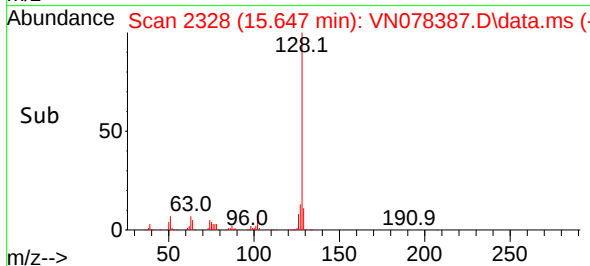
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



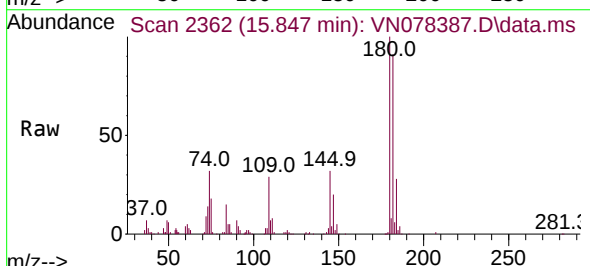
Tgt Ion:128 Resp: 444902
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/26/2023
Supervised By :Mahesh Dadoda 06/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.497 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078387.D
Acq: 24 Jun 2023 11:38



Tgt Ion:180 Resp: 153293
Ion Ratio Lower Upper
180 100
182 93.4 46.2 138.6
145 33.7 17.5 52.6

